S 5405-1

New Jersey
Health Statistics
1986

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

How to Use This Report

Overview

The purpose of the annual New Jersey Health Statistics Report is to provide a comprehensive summary of those vital statistics compiled and maintained by the New Jersey Department of Health. This report is the primary vital statistics reference document for 1986 data. However, only data most often requested are included in this document. Additional information is available from the Center for Health Statistics, New Jersey Department of Health. The user of this report is advised that the data contained herein were correct for the calendar year 1986 up until June 1, 1987. They are subject to change if corrections or additional information becomes available.

Page Numbering Sytem

This report is divided into four sections, I-IV and 15 subsections, A-N. For quick identification and easy access, each subsection of the report has been given a letter. A "TAB" page numbering system has also been used, so that the user can rapidly locate individual subject areas. All tables within Section I have been indexed and included in Section IV--Index.

Additions and Revisions

The report has been developed in "loose-leaf" format to permit additions and revisions. All holders of the report who are registered with the Center for Health Statistics will automatically receive copies of revisions and/or additions when released. If a three-ring binder has not been supplied, the holder is advised to place the document in a three-ring binder. All pages have been "three-hole" punched. Sections can be located by determining the TAB page in the Table of Contents, then flipping through the document to find the appropriate location. To register or report change of address, please forward the following information to the Center for Health Statistics:

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New Jersey
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CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

NEW JERSEY HEALTH STATISTICS
1986

INTRODUCTION

Health Statistics is comprised of individual reports compiled by the Center for Health Statistics from the State's vital statistics data base. The scope and coverage of Health Statistics currently includes highlights, historical perspective, natality, mortality, marriages, divorces, communicable diseases, accidents, fertility, abortions, hospitalizations, population, vital statistics gross summary and two special reports covering Suicides 1980-1986 and 1986 County Population by Age, Sex and Race. A section of technical notes is included that explains the statistical methods used and data limitations; a list of definitions and a description of rates, ratios, proportions, and indices are also covered.

State and county statistics are presented along with selected municipality (MCD) data, when appropriate. The Vital Statistics Gross Summary presents municipality data for population, births, deaths and marriages. Additional vital statistics at the MCD level are available for inspection and use in the Trenton central office of the Department. Copies of specific MCD information have been supplied to county and local Health Officers.

Births, deaths, marriages, and fetal deaths ocurring in 1986 are statistics presented in this Volume. They were obtained from certificates filed with the State Registrar prior to July 1, 1987. Through a reciprocal arrangement between states, copies of birth, death, and fetal death certificates involving out-of-state occurrences are interchanged. Thus, the resident birth, death and fetal death rates shown in the report include all events involving residents of the State of New Jersey, irrespective of place of occurrence. Marriage statistics, however, are treated differently. A tabulation is made of all marriages occurring within the State, irrespective of the residence of either party. Copies of marriage certificates are not interchanged between states as such a procedure would prove impractical (see Technical Notes).

The Tuberculosis Control, Sexually Transmitted Disease, and Communicable Disease Control programs are responsible, by law, for maintaining confidential files on "reportable diseases." Statistics maintained are tabulated by the Center for Health Statistics annually and are included in the report in order to allow the user to develop a more complete profile of the health of State residents.

The newly formed AIDS Division has developed a database file which will eventually contain all identified AIDS cases within the State. Comparable statistics on the number of reported cases within New Jersey, or by state of residence, are presented through the year 1986. All requests for statistics related to AIDS should be directed to the New Jersey AIDS program.

Data relating to hospitalizations were obtained from medical discharge abstract summaries. The Uniform Bill Patient Summary data are submitted to the Department for use in the hospital rate-setting program. Other discharges from hospitals not participating in the rate-setting program are submitted directly to the Center for Health Statistics. Discharge Abstracts are received from all patients at time of discharge, regardless of the patient's disposition or place of residency.

Accident reporting is derived from the death certificates and is presented in two parts. The first comprises aggregated accidental deaths relating only to New Jersey residents; the second presents a detailed statistical listing of all deaths occurring within the State regardless of place of residence, by category and type.

The Office of Demographic and Economic Analysis, Department of Labor, is assigned the responsibility by the Governor of the State to provide Official State Annual Estimates of Population for all 567 municipalities and 21 counties. These estimates are periodically revised to reflect the latest information available with respect to births, deaths and migration. The revised July 1, 1985 estimates, released in September 1987, were used in developing the vital statistics rates shown in this report. All rates for prior years were recalculated based on the Revised Population Estimates. Age, sex, and race specific estimates for 1986 were developed by the Center for Health Statistics, based on the "Proportionate Share Techniques" using the 1980 census data controlled to the July 1, 1985 revised estimates. The age, sex, and race data presented in this report are considered as crude estimates and should only be used for statistical purposes. The population for 1986 was assumed to have the same age, sex, and race distribution as existed in the 1980 Census, adjusted by subsequent births, deaths and migration patterns.

Back issues of Health Statistics for 1979 through 1985 are available, as long as supplies last. They can be obtained by writing to the Center for Health Statistics. Vital statistics data and reports from 1977 through 1986 are maintained for reference purposes by the N.J. State Library and the Center for Health Statistics. Inquiries regarding the contents of this report should be addressed to:

NJ Department of Health
Center for Health Statistics
Room 405 -- CN 360
Trenton, New Jersey 08625

TAB-A
HIGHLIGHTS

Highlights
1986

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Highlights
1986

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-----------------NOTE-----------------

This HIGHLIGHTS--Summary Report--presents an overview of the 1986 HEALTH STATISTICS REPORT. HIGHLIGHTS contains data for state, county and selected places of residence. The 1986 HEALTH STATISTICS REPORT provides detailed data on each of the major health categories in the Vital Statistics area. If you desire additional information concerning the NJ/Health Statistics provided in this Report, please address your inquiries to:

Center for Health Statistics
New Jersey Department of Health
CN 360
Trenton, New Jersey 08625

Highlights
1986

POPULATION

New Jersey reached a 1980 population total of 7,364,823 persons ranking it 9th in the nation. With an average of 983.0 persons per square mile it continued to retain its position as the most densely populated of the states. The 1980 Census indicated that New Jersey's median age is 32.2, slightly higher than the U.S. level of 30.1. The percentage of population 65 and older increased between 1970 and 1980 at a rate of 2½ times the national figure--a rate of growth exceeded in only four states. Projections indicate a continued increase in the percentage of the older population in the State. The July 1, 1986 total population estimate of 7,620,000 indicated a slight increase of 58,000 for the State as a whole since the 1980 census. The 1985 revised estimate is 7,562,000.

INCOME

New Jersey's per capita personal income of $18,866 for 1986 was 28.9% higher than the national level of $14,636 and ranked New Jersey 3th in the country. New Jersey ranked third in 1985, but was superseded for first place by Connecticut this year. Nine percent of New Jersey families are below poverty level placing New Jersey 44th among the states. Per capita, disposable personal income has progressively increased since the 1980 Census, and by 1984 reached the level of $13,179 (compared to $10,951 for the U.S.).

MARRIAGE/DIVORCE

The State's annual marriage rate has fluctuated continually since 1946 when it reached a high of 14.2. In the mid 1980s, it moved upward again to reach its highest levels since the WW-II level. The divorce rate increased in the late 1970s and early 1980s, declining slighlty in the past three years. For every 100 marriages performed in New Jersey in 1986, 45.1 divorces were granted, a ratio of 2 to 1.

ABORTION

A total of 33,376 New Jersey resident women obtained legal induced abortions from licensed facilities in 1986, a 9.9% increase since 1985. Of those obtaining abortions 24.8% were under 20 years of age, and 55.9% were in the 20-29 year group. Over three-fourths (77.0%) were unmarried, 50.1% had no living children, while 53.6% had no previous abortions, and 53.3% obtained the abortion prior to the 9th week of gestation.

BIRTHS

New Jersey experienced an increasing birth rate between 1977 and 1986 but currently ranks 44th among the states in birth rates per 1,000 people. The national rate for 1986 was 15.5. The New Jersey rate was 14.2, 8.4% below the national level. Resident births in the State were recorded at 108,444. The 1986 level represented a 3.0 percent increase over 1985.

...Age of Mother

Births increased in New Jersey over the 1985 level. However, women in their teens showed a decrease of 23 births or 0.2%, while those aged 20-34 showed an increase of 2,282 births or 2.7%. Women 35 years and older showed an increase of 86 births or 9.6%.

...Live Birth Order

Forty-four percent of births to New Jersey residents were first order births. The general long-term trend has been toward a greater percentage of higher order births in the State.

...Births to Unwed Mothers

Of all live births in New Jersey during 1986 22.7% were to unwed mothers. The ratio of births to unwed mothers is highest for teenagers. For mothers in the age group of 20 years and older, the ratio in New Jersey exceeds the national level.

...Low Birth Weight

In 1986 the incidence of low birth weight babies in New Jersey declined 0.1% from the 1985 level of 6.8%. The incidence in the State remains slightly higher than nationally, and is highest for younger and older women and lowest for women between the ages of 25 to 34.

...Multiple Births

There were 2,159 live births in multiple deliveries. Of these, 2,094 (97.0%) were twins, and 65 (3.0%) were three or more infants.

MORTALITY

With an older population age structure than the U.S., New Jersey's crude death rate exceeds the national figures; age adjustment of the rates reveals a mortality closer to that experienced nationally. For 1986, the New Jersey crude mortality rate per 1,000 population was 9.4 (U.S. rate 8.7). Total deaths in New Jersey registered 71,299, an increase of 644 over the 1985 level of 70,655.

...Life Expectancy

The expectation of life at birth reached a new U.S. high in 1986--an estimated 74.9 years for the total population. Life expectancy at birth for New Jersey residents was 74.0 years in 1980. New Jersey was the 23rd State when ranked on this indicator. Life expectancy for New Jersey females is 77.4, while males have an expectancy of 70.5 years (based on 1980 information).

...Leading Causes

In 1986, heart disease, cancer, cerebrovascular diseases, and pneumonia and influenza continue to be the leading causes of death in New Jersey. Mortality from heart disease, cancer and pneumonia and influenza is higher in New Jersey than nationally, but the mortality rate from cerebrovascular diseases of 57.4 is 6.4% lower than the national rate of 61.3. Overall, mortality in the State decreased in 1986 for diseases of the heart, malignant neoplasms, cerebrovascular diseases, chronic liver disease and cirrhosis, suicide, and atherosclerosis, while increasing for accidents, and influenza/pneumonia, septicemia, bronchitis, emphysema, asthama, and homicide. Accidents were the leading cause of death for those between the ages of 1 to 24. Homicide and suicide were the next two leading causes of death for those between 15 to 24 years of age.

INFANT MORTALITY

Infant deaths decreased by 58 to 1,055 in 1986, and the 1986 infant mortality rate decreased to 9.7 per 1,000 births from the 1985 rate of 10.6. Both the neonatal death rate and the infant death rate have been on a downward trend since the Department started collecting statistics in 1879.

MATERNAL MORTALITY

New Jersey's maternal mortality rate has been consistently lower than the U.S. maternal mortality rate. Only 3 maternal deaths occurred in 1985, the lowest number to date. However, in 1986, there were 9 maternal deaths in the state.

FETAL MORTALITY

A total of 1,166 resident fetal deaths were reported in 1986. The 1986 level was the highest since 1977. Also, the fetal death rate increased slightly to 10.8 (up from 10.6 in 1985). Nevertheless, over the past 50 years the State's fetal death rate has declined.

COMMUNICABLE DISEASES:

...Gonorrhea

The total number of reported cases in the State decreased slightly from the 1985 level of 19,751 to 19,612 in 1986 (a drop of 139 cases or 0.7%).

...Syphilis

New Jersey's case rate for all stages of syphilis decreased from 30.2 cases per 100,000 population in 1985 to 26.2 in 1986.

...Tuberculosis

The State's incidence for tuberculosis increased from 839 cases in 1985 to 948 in 1986 (or 13.0%). Clinically active cases increased during the same period from 545 to 724 cases (or 32.8%).

...Other

In 1986, 4 cases of rubella were reported, a decline from 11 cases reported in 1985. Hepatitis Type A decreased 3.5% from 397 to 383 cases, while Type B decreased by 22.6%. After a minor outbreak of measles in 1981 (61 cases), the number reported dropped to 3 in 1983. In 1986 measles cases increased dramatically to 881 cases.

...AIDS

The diagnosed number of AIDS cases in New Jersey has increased from 687 cases in 1985 to 1,079 in 1986. Likewise, the number of AIDS related deaths increased from 363 in 1985 to 653 in 1986. Rates per 100,000 population for diagnosed cases climbed from 9.1 to 14.2 between 1985 and 1986; rates for deaths jumped from 4.8 to 8.6 during the same time period.

ACCIDENTS

In 1986 total accidental deaths by occurrence in New Jersey increased slightly over the 1985 level from 2,294 to 2,353 deaths. Motor vehicle accidents remained the major cause accounting for almost one-half of all accidental deaths in each of the years. Motor vehicle deaths increased from 1985 with pedestrians accounting for almost one-fourth of all motor vehicle deaths. Falls and fires accounted for over 50% of the "In-home" category. Drownings and falls accounted for almost forty percent of the nonmotor vehicle deaths that occurred outside the home. The 1986 ranking of residents' deaths by class of accident in any location or specific setting was: motor vehicle, falls, fires, poisonings, and drownings.

TABLE-1

NEW JERSEY
RESIDENT BIRTHS, MARRIAGES[1], AND DEATHS
RATES PER 1,000 POPULATION
1986

PLACE OF RESIDENCE	BIRTHS		MARRIAGES[1]		DEATHS	
	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	108,444	14.2	61,362[2]	8.1	71,299	9.4
ATLANTIC COUNTY	3,306	16.0	1,876	9.1	2,408	11.7
Atlantic City	765	21.1	384	10.6	696	19.2
BERGEN COUNTY	9,443	11.3	6,553	7.8	7,955	9.5
BURLINGTON COUNTY	5,327	13.9	2,953	7.7	2,760	7.2
CAMDEN COUNTY	8,129	16.5	3,452	7.0	4,544	9.2
Camden City	2,328	28.0	621	7.5	872	10.5
Cherry Hill Twp.	790	10.9	516	7.1	574	7.9
Gloucester Twp.	661	4.3	214	2.1	248	4.1
CAPE MAY COUNTY	1,296	14.1	853	9.3	1,209	13.1
CUMBERLAND COUNTY	2,136	15.7	1,031	7.6	1,379	10.1
Vineland City	799	14.8	393	7.3	498	9.2
ESSEX COUNTY	12,831	15.2	7,319	8.7	8,401	10.0
Bloomfield	574	12.0	286	6.0	484	10.1
East Orange	1,481	19.1	628	8.1	819	10.6
Irvington	1,099	17.6	415	6.6	665	10.6
Newark	5,782	18.3	2,664	8.4	3,085	9.8
GLOUCESTER COUNTY	3,200	15.2	1,604	7.6	1,711	8.1
HUDSON COUNTY	8,580	15.5	4,881	8.8	5,750	10.4
Bayonne	765	12.2	466	7.4	853	13.6
Hoboken	460	11.1	232	5.6	359	8.7
Jersey City	4,036	18.5	1,904	8.7	2,399	11.0
North Bergen Twp.	664	14.0	358	7.6	519	11.0
Union City	1,002	17.9	571	10.2	435	7.8
HUNTERDON COUNTY	1,302	13.5	759	7.9	692	7.2
MERCER COUNTY	4,482	13.9	2,594	8.0	2,937	9.1
Hamilton Twp.	1,032	11.8	655	7.5	761	8.7
Trenton	1,954	21.3	825	9.0	1,145	12.5
MIDDLESEX COUNTY	8,898	14.0	4,982	7.8	4,957	7.8
Edison Twp.	1,256	15.3	474	5.8	553	6.7
New Brunswick	648	16.3	784	19.7	369	9.3
Old Bridge Twp.	645	11.6	317	5.7	295	5.3
Piscataway Twp.	597	13.6	267	6.1	207	4.7
Woodbridge Twp.	1,074	11.5	540	5.8	748	8.0
MONMOUTH COUNTY	7,518	13.9	4,534	8.4	5,001	9.2
Middletown Twp.	812	11.7	446	6.4	478	6.9
MORRIS COUNTY	5,354	12.8	3,415	8.2	2,940	7.0
Parsippany-Troy Hills	552	11.2	306	6.2	278	5.6
OCEAN COUNTY	5,225	13.3	2,568	6.5	5,365	13.6
Brick Twp.	853	14.0	320	5.3	639	10.5
Dover Twp.	918	12.9	623	8.7	955	13.4
PASSAIC COUNTY	7,441	16.1	4,118	8.9	4,298	9.3
Clifton	823	10.8	526	6.9	941	12.3
Passaic City	1,285	23.8	566	10.5	508	9.4
Paterson	3,117	22.4	1,491	10.7	1,324	9.5
Wayne Twp.	479	9.7	396	8.0	366	7.4
SALEM COUNTY	859	13.1	472	7.2	635	9.7
SOMERSET COUNTY	2,950	13.7	1,804	8.4	1,577	7.3
SUSSEX COUNTY	1,942	15.8	905	7.4	860	6.6
UNION COUNTY	6,673	13.2	3,961	7.8	5,044	10.0
Elizabeth	1,916	18.0	978	9.2	1,129	10.6
Plainfield	937	20.3	408	8.9	438	9.5
Union Twp.	445	8.7	347	6.8	681	13.4
WARREN COUNTY	1,318	15.2	649	7.5	854	9.9
STATE INSTITUTIONS	9		0		9	
MILITARY POSTS	225		78		13	

[1] Marriages by place of occurrence.

[2] Total includes one marriage, place unknown.

Note: Rates not computed for State Institutions and Military Posts due to lack of population base.

TABLE-2
NEW JERSEY
RESIDENT BIRTHS BY SEX, RACE, LEGITIMACY
COUNTIES AND SELECTED PLACES
1986

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNK.	WHITE	BLACK	OTHER	UNK.	LEGITIMATE	ILLEGITIMATE	UNK.
STATE TOTAL	108,444	55,543	52,893	8	83,504	19,736	2,906	2,298	83,686	24,632	126
ATLANTIC COUNTY	3,306	1,731	1,574	1	2,438	807	49	12	2,194	1,109	3
Atlantic City	765	413	352		256	482	22	5	232	533	
BERGEN COUNTY	9,443	4,879	4,564		7,827	452	487	677	8,798	634	11
BURLINGTON COUNTY	5,327	2,733	2,594		4,403	801	110	13	4,362	955	10
CAMDEN COUNTY	8,129	4,173	3,954	2	6,293	1,694	123	19	5,545	2,555	29
Camden City	2,328	1,160	1,167	1	1,023	1,268	28	9	674	1,651	3
Cherry Hill Twp.	790	408	381	1	736	22	29	3	739	49	2
Gloucester Twp.	661	348	313		627	23	11		553	103	5
CAPE MAY COUNTY	1,296	658	638		1,159	125	11	1	1,015	278	3
CUMBERLAND COUNTY	2,136	1,096	1,040		1,602	506	21	7	1,259	876	1
Vineland City	799	425	374		657	127	10	5	515	283	1
ESSEX COUNTY	12,831	6,422	6,408	1	5,998	6,381	230	222	7,325	5,501	5
Bloomfield	574	290	284		515	26	16	17	537	37	
East Orange	1,481	722	759		102	1,359	10	10	605	876	
Irvington	1,099	549	550		290	779	15	15	562	537	
Newark	5,782	2,898	2,884		2,166	3,523	66	27	2,199	3,583	
GLOUCESTER COUNTY	3,200	1,687	1,513		2,818	341	35	6	2,577	616	7
HUDSON COUNTY	8,580	4,383	4,196	1	5,830	1,808	478	464	5,903	2,665	12
Bayonne	765	389	376		664	49	16	36	654	110	1
Hoboken	460	229	231		282	97	23	58	302	156	2
Jersey City	4,036	2,070	1,966		2,034	1,538	295	169	2,237	1,794	5
North Bergen Twp.	664	337	327		557	22	34	51	572	91	1
Union City	1,002	501	500	1	859	48	37	58	741	259	2
HUNTERDON COUNTY	1,302	664	638		1,275	9	9	9	1,200	102	
MERCER COUNTY	4,482	2,328	2,154		3,165	1,192	95	30	3,101	1,375	6
Hamilton Twp.	1,032	553	479		941	61	24	6	922	108	2
Trenton	1,954	1,025	929		925	1,005	21	3	819	1,132	3
MIDDLESEX COUNTY	8,898	4,582	4,316		7,497	793	402	206	7,781	1,112	5
Edison Twp.	1,256	637	619		1,020	66	128	42	1,179	74	3
New Brunswick	648	337	311		359	272	16	1	373	275	
Old Bridge Twp.	645	338	307		574	21	21	29	603	42	
Piscataway Twp.	597	313	284		404	112	71	10	533	64	
Woodbridge Twp.	1,074	559	515		961	47	36	30	995	78	1
MONMOUTH COUNTY	7,518	3,827	3,691		6,314	858	156	190	6,327	1,185	6
Middletown Twp.	812	417	395		766	6	21	19	760	52	
MORRIS COUNTY	5,354	2,757	2,595	2	4,937	143	175	99	4,954	395	5
Parsippany-Troy Hills	552	289	263		480	15	46	11	523	29	
OCEAN COUNTY	5,225	2,641	2,584		4,894	207	34	90	4,528	692	5
Brick Twp.	853	410	443		844	3	5	1	782	71	
Dover Twp.	918	478	440		900	12	4	2	807	110	1
PASSAIC COUNTY	7,441	3,842	3,599		5,669	1,526	169	77	5,260	2,179	2
Clifton	823	414	409		764	21	26	12	776	47	
Passaic City	1,285	677	608		830	397	45	13	809	476	
Paterson	3,117	1,626	1,491		1,953	1,084	72	8	1,586	1,531	
Wayne Twp.	479	240	239		453	4	12	10	455	24	
SALEM COUNTY	859	450	409		649	183	9	18	614	241	4
SOMERSET COUNTY	2,950	1,545	1,405		2,603	195	121	31	2 678	270	2
SUSSEX COUNTY	1,942	1,007	935		1,877	12	18	35	1,828	114	
UNION COUNTY	6,673	3,365	3,308		4,835	1,601	150	87	5,110	1,557	6
Elizabeth	1,916	951	965		1,399	459	46	12	1,258	656	2
Plainfield	937	472	465		301	621	9	6	499	436	2
Union Twp.	445	232	213		379	54	10	2	407	38	
WARREN COUNTY	1,318	659	658	1	1,281	20	12	5	1,116	198	4
STATE INSTITUTIONS	9	4	5		2	7			3	6	
MILITARY POSTS	225	110	115		138	75	12		208	17	

TABLE-3

NEW JERSEY
RESIDENT BIRTHS BY MATURITY, COUNTIES AND SELECTED PLACES
1986

PLACE OF RESIDENCE	Total	2,500 Grams or Less	2,501 Grams or More	Weight Unknown
STATE TOTAL	108,444	7,255	98,935	2,254
ATLANTIC COUNTY	3,306	238	3,065	3
Atlantic City	765	89	674	2
BERGEN COUNTY	9,443	433	8,302	708
BURLINGTON COUNTY	5,327	320	4,996	11
CAMDEN COUNTY	8,129	590	7,529	10
Camden City	2,328	278	2,049	1
Cherry Hill Twp.	790	38	747	5
Gloucester Twp.	661	27	633	1
CAPE MAY COUNTY	1,296	91	1,204	1
CUMBERLAND COUNTY	2,136	150	1,985	1
Vineland City	799	52	746	1
ESSEX COUNTY	12,831	1,275	11,326	230
Bloomfield	574	35	520	19
East Orange	1,481	184	1,287	10
Irvington	1,099	118	963	18
Newark	5,782	691	5,067	24
GLOUCESTER COUNTY	3,200	170	3,025	5
HUDSON COUNTY	8,580	666	7,470	444
Bayonne	765	52	677	36
Hoboken	460	31	376	53
Jersey City	4,036	395	3,470	171
North Bergen Twp.	664	31	588	45
Union City	1,002	61	889	52
HUNTERDON COUNTY	1,302	48	1,248	6
MERCER COUNTY	4,482	349	4,107	26
Hamilton Twp.	1,032	47	981	4
Trenton	1,954	234	1,716	4
MIDDLESEX COUNTY	8,898	552	8,132	214
Edison Twp.	1,256	83	1,126	47
New Brunswick	648	61	586	1
Old Bridge Twp.	645	34	579	32
Piscataway Twp.	597	36	552	9
Woodbridge Twp.	1,074	62	983	29
MONMOUTH COUNTY	7,518	458	6,853	207
Middletown Twp.	812	31	756	25
MORRIS COUNTY	5,354	257	5,041	56
Parsippany-Troy Hills	552	32	513	7
OCEAN COUNTY	5,225	267	4,860	98
Brick Twp.	853	50	802	1
Dover Twp.	918	39	875	4
PASSAIC COUNTY	7,441	588	6,772	81
Clifton	823	41	769	13
Passaic City	1,285	110	1,162	13
Paterson	3,117	344	2,765	8
Wayne Twp.	479	24	445	10
SALEM COUNTY	859	53	804	2
SOMERSET COUNTY	2,950	152	2,764	34
SUSSEX COUNTY	1,942	98	1,812	32
UNION COUNTY	6,673	418	6,173	82
Elizabeth	1,916	143	1,762	11
Plainfield	937	78	854	5
Union Twp.	445	18	425	2
WARREN COUNTY	1,318	64	1,251	3
STATE INSTITUTIONS	9	5	4	
MILITARY POSTS	225	13	212	

TABLE-4

NEW JERSEY
RESIDENT BIRTHS BY AGE OF MOTHER, COUNTIES AND SELECTED PLACES
1986

PLACE OF RESIDENCE	TOTAL	Age of Mother							
		<16	16	17	18	19	20-34	35+	Unkn.
STATE TOTAL	108,444	869	1,242	1,815	2,709	3,533	88,384	9,871	21
ATLANTIC COUNTY	3,306	30	47	74	118	152	2,711	174	
Atlantic City	765	13	26	34	49	57	562	24	
BERGEN COUNTY	9,443	11	20	34	75	108	7,878	1,317	
BURLINGTON COUNTY	5,327	27	50	71	134	167	4,438	439	1
CAMDEN COUNTY	8,129	113	145	202	258	340	6,544	522	5
Camden City	2,328	93	105	125	162	186	1,578	78	1
Cherry Hill Twp.	790	2		6	2	11	663	106	
Gloucester Twp.	661		1	11	9	19	571	50	
CAPE MAY COUNTY	1,296	4	10	23	30	60	1,088	81	
CUMBERLAND COUNTY	2,136	51	58	73	136	108	1,606	104	
Vineland City	799	13	16	28	49	46	610	37	
ESSEX COUNTY	12,831	207	267	384	529	600	9,755	1,087	2
Bloomfield	574		3	2	5		513	51	
East Orange	1,481	27	33	51	75	86	1,115	94	
Irvington	1,099	23	23	38	51	55	839	70	
Newark	5,782	145	194	276	359	409	4,112	286	1
GLOUCESTER COUNTY	3,200	21	33	51	86	95	2,701	210	3
HUDSON COUNTY	8,580	60	121	188	251	342	6,797	819	2
Bayonne	765	2	4	7	12	22	656	62	
Hoboken	460	3	7	8	11	19	353	59	
Jersey City	4,036	49	87	134	191	195	3,024	354	2
North Bergen Twp.	664	1	2	5	1	15	578	62	
Union City	1,002	2	12	22	24	39	810	93	
HUNTERDON COUNTY	1,302		5	10	12	24	1,097	154	
MERCER COUNTY	4,482	68	95	104	140	181	3,513	380	1
Hamilton Twp.	1,032	4	6	8	11	21	900	82	
Trenton	1,954	60	81	88	123	140	1,385	76	1
MIDDLESEX COUNTY	8,898	34	51	87	129	222	7,594	781	
Edison Twp.	1,256	4	4	3	11	9	1,091	134	
New Brunswick	648	12	14	19	33	45	485	40	
Old Bridge Twp.	645	2		4	5	13	576	45	
Piscataway Twp.	597	2	3	3	7	12	512	58	
Woodbridge Twp.	1,074	1	4	6	12	17	948	86	
MONMOUTH COUNTY	7,518	46	63	85	122	211	6,160	828	3
Middletown Twp.	812	1	4	8	5	13	679	102	
MORRIS COUNTY	5,354	6	17	26	38	78	4,538	650	1
Parsippany-Troy Hills	552			1	1	8	481	61	
OCEAN COUNTY	5,225	19	27	61	81	155	4,465	417	
Brick Twp.	853	1	2	8	12	14	758	58	
Dover Twp.	918	5	3	10	6	25	777	92	
PASSAIC COUNTY	7,441	92	113	182	290	320	5,881	563	
Clifton	823	2	1	2	6	19	714	79	
Passaic City	1,285	20	27	46	61	75	988	68	
Paterson	3,117	64	83	125	201	202	2,253	189	
Wayne Twp.	479	1		1	4	4	386	83	
SALEM COUNTY	859	9	19	15	35	31	716	34	
SOMERSET COUNTY	2,950	9	9	15	30	40	2,484	363	
SUSSEX COUNTY	1,942	3	5	13	23	27	1,681	190	
UNION COUNTY	6,673	52	75	102	154	227	5,391	670	2
Elizabeth	1,916	23	33	48	71	91	1,511	139	
Plainfield	937	14	22	29	43	50	705	74	
Union Twp.	445		1	3	2	9	381	49	
WARREN COUNTY	1,318	5	12	13	34	41	1,129	83	1
STATE INSTITUTIONS	9				1		8		
MILITARY POSTS	225	2		2	3	4	209	5	

TABLE-5

NEW JERSEY
MARRIAGES BY SEX, PREVIOUS MARITAL STATUS, AVERAGE AGE
1986

PLACE OF MARRIAGE	Total	WOMEN				MEN				AVERAGE AGE	
		Single	Widowed	Divorced	Unk	Single	Widowed	Divorced	Unk	Women	Men
STATE TOTAL	61,362	45,683	1,556	14,121	1	44,454	1,567	15,338	2	28	30
ATLANTIC COUNTY	1,876	1,324	54	498		1,260	65	551		28	31
Atlantic City	384	283	7	94		276	10	98		28	31
BERGEN COUNTY	6,553	5,059	163	1,331		4,811	177	1,565		28	31
BURLINGTON COUNTY	2,953	2,079	79	795		2,071	90	792		27	30
CAMDEN COUNTY	3,452	2,543	100	809		2,453	94	905		28	30
Camden City	621	464	21	136		461	13	147		28	31
Cherry Hill Twp.	516	372	18	126		363	16	137		28	31
Gloucester Twp.	214	156	4	54		148	5	61		27	29
CAPE MAY COUNTY	853	575	36	242		561	22	270		28	31
CUMBERLAND COUNTY	1,031	709	34	288		710	27	294		28	30
Vineland City	393	278	7	108		280	10	103		27	30
ESSEX COUNTY	7,319	5,755	155	1,409		5,577	154	1,588		28	30
Bloomfield	286	225	8	53		212	6	68		28	30
East Orange	628	476	10	142		470	14	144		29	31
Irvington	415	321	12	82		304	5	106		28	31
Newark	2,664	2,098	61	505		2,096	55	513		27	30
GLOUCESTER COUNTY	1,604	1,154	57	393		1,110	50	444		28	30
HUDSON COUNTY	4,881	3,725	106	1,050		3,588	97	1,196		28	30
Bayonne	466	361	14	91		346	13	107		28	30
Hoboken	232	188	6	38		184	3	45		27	29
Jersey City	1,904	1,508	35	361		1,445	45	414		27	30
North Bergen Twp.	358	236	11	111		226	7	125		29	31
Union City	571	414	17	140		405	6	160		28	30
HUNTERDON COUNTY	759	506	25	228		490	20	249		28	31
MERCER COUNTY	2,594	1,981	59	554		1,871	54	669		28	30
Hamilton Twp.	655	481	17	157		461	13	181		27	30
Trenton	825	679	13	133		627	17	181		27	30
MIDDLESEX COUNTY	4,982	3,785	107	1,090		3,741	107	1,134		27	30
Edison Twp.	474	341	12	121		357	5	112		27	30
New Brunswick	784	622	8	154		618	10	156		27	29
Old Bridge	317	254	7	56		241	4	72		26	29
Ouscataway Twp.	267	209	5	53		197	9	61		27	30
Woodbridge Twp.	540	402	8	130		396	10	134		27	29
MONMOUTH COUNTY	4,534	3,255	141	1,138		3,204	139	1,191		28	30
Middletown Twp.	446	321	14	111		318	12	116		28	30
MORRIS COUNTY	3,415	2,530	71	814		2,519	71	825		27	30
Parsippany-Troy Hills	306	212	8	86		202	10	94		29	32
OCEAN COUNTY	2,568	1,742	100	726		1,698	130	740		28	31
Brick Twp.	320	214	11	95		210	14	96		28	31
Dover twp.	623	429	27	167		394	33	196		28	31
PASSAIC COUNTY	4,118	3,153	84	881		3,085	68	965		27	30
Clifton	526	405	15	106		396	11	119		28	30
Passaic City	566	428	12	126		441	10	115		27	29
Paterson	1,491	1,137	30	324		1,105	17	369		27	30
Wayne	396	302	6	88		291	6	99		28	30
SALEM COUNTY	472	326	17	129		324	21	127		28	30
SOMERSET COUNTY	1,804	1,326	42	436		1,299	43	462		28	30
SUSSEX COUNTY	905	631	19	255		643	16	246		27	29
UNION COUNTY	3,961	3,029	79	852	1	2,929	100	930	2	28	31
Elizabeth	978	758	10	209	1	728	15	233	2	27	30
Plainfield	408	292	11	105		286	14	108		29	32
Union Twp.	347	271	11	65		263	9	75		28	30
WARREN COUNTY	649	435	27	187		451	22	176		28	30
STATE INSTITUTIONS											
MILITARY POSTS	78	61	1	16		59		19		25	27

Note: State total includes one marriage place unknown.

TABLE-6

NEW JERSEY
RESIDENT DEATHS BY SEX AND RACE
1986

PLACE OF RESIDENCE	Total	SEX			RACE			
		Male	Female	Unk.	White	Black	Other	Unk.
STATE TOTAL	71,299	36,313	34,974	12	62,472	8,341	426	60
ATLANTIC COUNTY	2,408	1,232	1,175	1	1,977	413	11	7
Atlantic City	696	326	370		425	263	4	4
BERGEN COUNTY	7,955	3,902	4,052	1	7,599	271	83	2
BURLINGTON COUNTY	2,760	1,416	1,343	1	2,461	284	12	3
CAMDEN COUNTY	4,544	2,305	2,238	1	3,862	663	17	2
Camden City	872	480	391	1	404	467	1	
Cherry Hill Twp.	574	284	290		558	12	4	
Gloucester Twp.	248	113	135		241	7		
CAPE MAY COUNTY	1,209	631	578		1,151	57	1	
CUMBERLAND COUNTY	1,379	744	634	1	1,188	180	10	1
Vineland City	498	267	231		463	35		
ESSEX COUNTY	8,401	4,293	4,107	1	5,377	2,959	47	18
Bloomfield	484	240	244		472	10	2	
East Orange	819	398	421		256	556	3	4
Irvington	665	322	343		473	188	3	1
Newark	3,085	1,719	1,366		1,194	1,864	16	11
GLOUCESTER COUNTY	1,711	882	829		1,517	186	3	5
HUDSON COUNTY	5,750	2,991	2,756	3	5,051	628	66	5
Bayonne	853	435	418		831	19	3	
Hoboken	359	187	172		339	17	3	
Jersey City	2,399	1,279	1,118	2	1,774	583	41	1
North Bergen Twp.	519	265	254		509	4	5	1
Union City	435	231	204		426	2	6	1
HUNTERDON COUNTY	692	349	343		679	11	2	
MERCER COUNTY	2,937	1,480	1,457		2,404	520	12	1
Hamilton Twp.	761	394	367		731	28	2	
Trenton	1,145	594	551		741	399	4	1
MIDDLESEX COUNTY	4,957	2,651	2,306		4,653	254	48	2
Edison Twp.	553	297	256		527	21	5	
New Brunswick	369	197	172		274	94	1	
Old Bridge	295	161	134		291	3	1	
Piscataway Twp.	207	104	103		170	27	10	
Woodbridge Twp.	748	414	334		722	18	7	1
MONMOUTH COUNTY	5,001	2,480	2,521		4,549	428	21	3
Middletown Twp.	478	252	226		470	7		1
MORRIS COUNTY	2,940	1,391	1,548	1	2,839	79	21	1
Parsipanny-Troy Hills	278	124	154		267	9	2	
OCEAN COUNTY	5,365	2,889	2,475	1	5,282	65	14	4
Brick Twp.	639	317	322		635	2	2	
Dover Twp.	955	527	428		949	4	2	
PASSAIC COUNTY	4,298	2,142	2,156		3,768	504	24	2
Clifton	941	445	496		932	5	4	
Passaic City	508	278	230		423	77	7	1
Paterson	1,324	696	628		906	412	5	1
Wayne Twp.	366	167	199		358	2	6	
SALEM COUNTY	635	319	316		531	102	2	
SOMERSET COUNTY	1,577	809	768		1,496	75	5	1
SUSSEX COUNTY	860	431	429		856	2	2	
UNION COUNTY	5,044	2,527	2,517		4,368	650	25	1
Elizabeth	1,129	583	546		971	152	6	
Plainfield	438	200	238		221	215	1	1
Union Twp.	681	336	345		635	44	2	
WARREN COUNTY	854	433	420	1	844	8		2
STATE INSTITUTIONS	9	6	3		9			
MILITARY POSTS	13	10	3		11	2		

TABLE-7

NEW JERSEY
RESIDENT INFANT, FETAL, NEONATAL, PERINATAL DEATHS
1986

PLACE OF RESIDENCE	INFANT DEATHS		FETAL DEATHS		NEONATAL DEATHS		PERINATAL DEATHS	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	1,055	9.7	1,166	10.8	708	6.5	1,874	17.1
ATLANTIC COUNTY	41	12.4	71	21.5	25	7.6	96	28.4
Atlantic City	13	17.0	24	31.4	10	13.1	34	43.1
BERGEN COUNTY	60	6.4	45	4.8	44	4.7	89	9.4
BURLINGTON COUNTY	50	9.4	106	19.9	36	6.8	142	26.1
CAMDEN COUNTY	95	11.7	152	18.7	63	7.8	215	26.0
Camden City	37	15.9	37	15.9	23	9.9	60	25.4
Cherry Hill Twp.	4	5.1	14	17.7	4	5.1	18	22.4
Gloucester Twp.	4	18.3	9	41.1	1	4.6	10	43.9
CAPE MAY COUNTY	8	6.2	21	16.2	6	4.6	27	20.5
CUMBERLAND COUNTY	36	16.9	35	16.4	26	12.2	61	28.1
Vineland City	12	15.0	9	11.3	10	12.5	19	23.5
ESSEX COUNTY	169	13.2	144	11.2	106	8.3	250	19.3
Bloomfield	2	3.5	2	3.5	2	3.5	4	6.9
East Orange	21	14.2	22	14.9	13	8.8	35	23.3
Irvington	13	11.8	6	5.5	11	10.0	17	15.4
Newark	106	18.3	77	13.3	58	10.0	135	23.0
GLOUCESTER COUNTY	29	9.1	68	21.3	19	5.9	87	26.6
HUDSON COUNTY	106	12.4	69	8.0	66	7.7	135	15.6
Bayonne	7	9.2	4	5.2	5	6.5	9	11.7
Hoboken	4	8.7	2	4.3	3	6.5	5	10.8
Jersey City	68	16.8	34	8.4	37	9.2	71	17.4
North Bergen Twp.	6	9.0	9	13.6	3	4.5	12	17.8
Union City	8	8.0	6	6.0	7	7.0	13	12.9
HUNTERDON COUNTY	10	7.7	14	10.8	7	5.4	21	16.0
MERCER COUNTY	50	11.2	61	13.6	32	7.1	93	20.5
Hamilton Twp.	8	7.8	8	7.8	7	6.8	15	14.4
Trenton	34	17.4	32	16.4	21	10.7	53	26.7
MIDDLESEX COUNTY	69	7.8	72	8.1	47	5.3	119	13.3
Edison Twp.	11	8.8	4	3.2	7	5.6	11	8.7
New Brunswick	9	13.9	8	12.3	4	6.2	12	18.3
Old Bridge Twp.	0	0.0	2	3.1	0	0.0	2	3.1
Piscataway Twp.	3	5.0	4	6.7	2	3.4	6	10.0
Woodbridge Twp.	10	9.3	8	7.4	8	7.4	16	14.8
MONMOUTH COUNTY	65	8.6	63	8.4	42	5.6	105	13.9
Middletown Twp.	4	4.9	10	12.3	3	3.7	13	15.8
MORRIS COUNTY	41	7.7	35	6.5	29	5.4	64	11.9
Parsippany-Troy Hills	5	9.1	1	1.8	3	5.4	4	7.2
OCEAN COUNTY	42	8.0	30	5.7	30	5.7	60	11.4
Brick Twp.	10	11.7	4	4.7	9	10.6	13	15.2
Dover Twp.	3	3.3	2	2.2	3	3.3	5	5.4
PASSAIC COUNTY	71	9.5	71	9.5	52	7.0	123	16.4
Clifton	6	7.3	4	4.9	5	6.1	9	10.9
Passaic City	11	8.6	13	10.1	8	6.2	21	16.2
Paterson	39	12.5	39	12.5	27	8.7	66	20.9
Wayne Twp.	2	4.2	3	6.3	1	2.1	4	8.3
SALEM COUNTY	14	16.3	10	11.6	8	9.3	18	20.7
SOMERSET COUNTY	18	6.1	22	7.5	12	4.1	34	11.4
SUSSEX COUNTY	13	6.7	9	4.6	11	5.7	20	10.3
UNION COUNTY	54	8.1	58	8.7	35	5.2	93	13.8
Elizabeth	16	8.4	19	9.9	9	4.7	28	14.5
Plainfield	13	13.9	11	11.7	7	7.5	18	19.0
Union Twp.	3	6.7	2	4.5	3	6.7	5	11.2
WARREN COUNTY	12	9.1	9	6.8	10	7.6	19	14.3
STATE INSTITUTIONS	0		0		0		0	
MILITARY POSTS	2		1		2		3	

NOTE: Rates not computed for State Institutions and Military Posts due to lack of population base.

TABLE-8

NEW JERSEY
RESIDENTS DEATHS BY SUICIDE, HOMICIDE
RATES PER 100,000 POPULATION
1986

PLACE OF RESIDENCE	SUICIDE		HOMICIDE	
	Number	Rate	Number	Rate
STATE TOTAL	662	8.7	459	6.0
ATLANTIC COUNTY	24	11.6	14	6.8
Atlantic City	5	13.8	6	16.6
BERGEN COUNTY	71	8.5	12	1.4
BURLINGTON COUNTY	21	5.5	3	0.8
CAMDEN COUNTY	52	10.5	39	7.9
Camden City	10	12.0	24	28.8
Cherry Hill Twp.	5	6.9	1	1.4
Gloucester Twp.	5	9.9	0	0.0
CAPE MAY COUNTY	10	10.8	2	2.2
CUMBERLAND COUNTY	12	8.8	10	7.3
Vineland City	3	5.6	3	5.6
ESSEX COUNTY	75	8.9	185	21.9
Bloomfield	1	2.1	0	0.0
East Orange	9	11.6	18	23.2
Irvington	8	12.8	19	30.4
Newark	21	6.6	122	38.6
GLOUCESTER COUNTY	26	12.3	9	4.3
HUDSON COUNTY	46	8.3	51	9.2
Bayonne	6	9.6	2	3.2
Hoboken	5	12.1	1	2.4
Jersey City	15	6.9	32	14.6
North Bergen Twp.	4	8.4	3	6.3
Union City	5	9.0	5	9.0
HUNTERDON COUNTY	8	8.3	2	2.1
MERCER COUNTY	28	8.7	18	5.6
Hamilton Twp.	10	11.4	1	1.1
Trenton	7	7.6	15	16.3
MIDDLESEX COUNTY	58	9.1	15	2.4
Edison Twp.	9	11.0	1	1.2
New Brunswick	4	10.0	3	7.5
Old Bridge Twp.	6	10.8	0	0.0
Piscataway Twp.	3	6.8	0	0.0
Woodbridge Twp.	8	8.6	4	4.3
MONMOUTH COUNTY	43	7.9	13	2.4
Middletown Twp.	5	7.2	0	0.0
MORRIS COUNTY	35	8.4	9	2.2
Parsippany-Troy Hills	4	8.1	2	4.1
OCEAN COUNTY	44	11.2	10	2.5
Brick Twp.	4	6.6	1	1.6
Dover Twp.	10	14.0	3	4.2
PASSAIC COUNTY	42	9.1	31	6.7
Clifton	8	10.5	0	0.0
Passaic City	9	16.7	5	9.3
Paterson	13	9.3	25	17.9
Wayne Twp.	3	6.1	0	0.0
SALEM COUNTY	5	7.6	0	0.0
SOMERSET COUNTY	14	6.5	2	0.9
SUSSEX COUNTY	4	3.3	1	0.8
UNION COUNTY	34	6.7	31	6.1
Elizabeth	9	8.4	14	13.1
Plainfield	3	6.5	6	13.0
Union Twp.	4	7.9	0	0.0
WARREN COUNTY	9	10.4	2	2.3
STATE INSTITUTIONS	1		0	
MILITARY POSTS	0		0	

NOTE: Rates not computed for State Institutions and Military Posts due to lack of population base.

TABLE-9

NEW JERSEY
RESIDENT DEATHS FROM HEART DISEASE, CANCER, ALL ACCIDENTS AND DIABETES
RATES PER 100,000 POPULATION
1986

PLACE OF RESIDENCE	HEART DISEASE		CANCER		ALL ACCIDENTS		DIABETES	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	27,601	362.2	17,000	223.1	2,176	28.6	1,454	19.1
ATLANTIC COUNTY	938	454.6	523	253.5	83	40.2	38	18.4
Atlantic City	275	759.3	140	386.5	22	60.7	15	41.4
BERGEN COUNTY	3,302	394.5	2,015	240.8	183	21.9	146	17.4
BURLINGTON COUNTY	1,023	267.5	659	172.3	129	33.7	45	11.8
CAMDEN COUNTY	1,743	353.6	1,063	215.7	157	31.9	104	21.1
Camden City	284	341.1	182	218.6	43	51.6	34	40.8
Cherry Hill Twp.	237	326.7	135	186.1	17	23.4	10	13.8
Gloucester Twp.	88	174.7	70	139.0	9	17.9	4	7.9
CAPE MAY COUNTY	454	492.5	303	328.7	44	47.7	17	18.4
CUMBERLAND COUNTY	576	422.1	293	214.7	60	44.0	35	25.6
Vineland City	214	396.4	95	176.0	21	38.9	14	25.9
ESSEX COUNTY	2,971	352.0	1,819	215.5	214	25.4	178	21.1
Bloomfield	193	403.7	125	261.4	8	16.7	8	16.7
East Orange	268	345.4	150	193.3	16	20.6	18	23.2
Irvington	250	400.2	128	204.9	16	25.6	15	24.0
Newark	976	308.5	564	178.3	113	35.7	81	25.6
GLOUCESTER COUNTY	653	309.9	405	192.2	66	31.3	29	13.8
HUDSON COUNTY	2,139	387.6	1,273	230.7	163	29.5	126	22.8
Bayonne	327	521.6	222	354.1	24	38.3	20	31.9
Hoboken	129	311.9	70	169.2	11	26.6	9	21.8
Jersey City	852	389.8	471	215.5	72	32.9	48	22.0
North Bergen Twp.	203	428.6	114	240.7	18	38.0	12	25.3
Union City	155	277.7	78	139.7	11	19.7	6	10.7
HUNTERDON COUNTY	243	251.9	192	199.0	29	30.1	15	15.5
MERCER COUNTY	1,166	361.6	668	207.2	117	36.3	62	19.2
Hamilton Twp.	323	369.7	179	204.9	25	28.6	14	16.0
Trenton	445	485.0	225	245.2	48	52.3	27	29.4
MIDDLESEX COUNTY	1,848	290.5	1,268	199.3	193	30.3	110	17.3
Edison Twp.	181	220.9	130	158.7	23	28.1	11	13.4
New Brunswick	134	336.2	68	170.6	20	50.2	8	20.1
Old Bridge Twp.	124	223.6	70	126.2	14	25.2	5	9.0
Piscataway Twp.	77	175.7	50	114.1	5	11.4	7	16.0
Woodbridge Twp.	294	315.8	201	215.9	19	20.4	16	17.2
MONMOUTH COUNTY	1,898	349.9	1,234	227.5	136	25.1	111	20.5
Middletown Twp.	173	249.7	136	196.3	14	20.2	10	14.4
MORRIS COUNTY	1,121	267.8	755	180.4	100	23.9	51	12.2
Parsippany-Troy Hills	123	249.8	59	119.8	9	18.3	3	6.1
OCEAN COUNTY	2,295	583.1	1,349	342.7	111	28.2	89	22.6
Brick Twp.	255	418.7	177	290.6	8	13.1	14	23.0
Dover Twp.	424	593.6	225	315.0	23	32.2	13	18.2
PASSAIC COUNTY	1,738	376.6	950	205.8	90	19.5	133	28.8
Clifton	456	595.9	195	254.8	11	14.4	25	32.7
Passaic City	203	376.2	110	203.9	13	24.1	29	53.7
Paterson	455	326.3	276	197.9	30	21.5	42	30.1
Wayne Twp.	162	326.9	72	145.3	6	12.1	13	26.2
SALEM COUNTY	259	395.7	143	218.5	24	36.7	12	18.3
SOMERSET COUNTY	631	293.2	411	191.0	62	28.8	24	11.2
SUSSEX COUNTY	306	249.2	204	166.1	40	32.6	6	4.9
UNION COUNTY	1,951	386.6	1,269	251.5	134	26.6	114	22.6
Elizabeth	415	389.1	236	221.3	44	41.3	27	25.3
Plainfield	161	349.3	100	216.9	15	32.5	10	21.7
Union Twp.	287	564.1	182	357.7	13	25.6	14	27.5
WARREN COUNTY	340	392.6	199	229.8	41	47.3	9	10.4
STATE INSTITUTIONS	3		1		0		0	
MILITARY POSTS	3		4		0		0	

Note: Rates not computed for State Institutions and Military Posts due to lack of population base.

TABLE-10

NEW JERSEY
RESIDENT DEATHS FROM CEREBROVASCULAR DISEASES BY SEX AND AGE
1986

PLACE OF RESIDENCE	TOTAL	RATE	SEX MALE	SEX FEMALE	AGE GROUP <1	1-4	5-14	15-24	25-44	45-64	65+	Ukn.
STATE TOTAL	4,372	57.4	1,733	2,639	1		3	11	120	531	3,703	3
ATLANTIC COUNTY	162	78.5	61	101					1	20	141	
Atlantic City	56	154.6	21	35						7	49	
BERGEN COUNTY	512	61.2	195	317			1		15	58	438	
BURLINGTON COUNTY	189	49.4	70	119				1	4	27	157	
CAMDEN COUNTY	272	55.2	118	154	1		1	1	6	43	219	1
Camden City	58	69.7	33	25				1	1	14	42	
Cherry Hill Twp.	32	44.1	16	16			1		2	5	24	
Gloucester Twp.	11	21.8	2	9						4	7	
CAPE MAY COUNTY	89	96.6	36	53					1	4	84	
CUMBERLAND COUNTY	79	57.9	41	38						7	72	
Vineland City	31	57.4	15	16						2	29	
ESSEX COUNTY	529	62.7	201	328				4	25	79	419	2
Bloomfield	36	75.3	8	28					1	4	31	
East Orange	54	69.6	13	41				1	3	6	44	
Irvington	35	56.0	13	22					1	4	30	
Newark	160	50.6	74	86				3	14	44	97	2
GLOUCESTER COUNTY	98	46.5	43	55				1	5	9	83	
HUDSON COUNTY	369	66.9	144	225			1	1	18	51	298	
Bayonne	54	86.1	18	36					2	4	48	
Hoboken	12	29.0	2	10						1	11	
Jersey City	145	66.3	62	83				1	8	29	107	
North Bergen Twp.	35	73.9	16	19					2	2	31	
Union City	40	71.7	16	24			1		2	8	29	
HUNTERDON COUNTY	46	47.7	17	29					1	5	40	
MERCER COUNTY	150	46.5	55	95				1	3	21	125	
Hamilton Twp.	31	35.5	8	23						5	26	
Trenton	55	59.9	22	33					1	7	47	
MIDDLESEX COUNTY	238	37.4	115	123					9	33	196	
Edison Twp.	36	43.9	14	22					2	4	30	
New Brunswick	16	40.1	10	6					1		15	
Old Bridge Twp.	16	28.3	6	10						2	14	
Piscataway Twp.	9	20.5	4	5						3	6	
Woodbridge Twp.	32	34.4	15	17					2	5	25	
MONMOUTH COUNTY	318	58.6	110	208				1	4	32	281	
Middletown Twp.	31	44.7	8	23						3	28	
MORRIS COUNTY	187	44.7	63	124					2	21	164	
Parsippany-Troy Hills	17	34.5	8	9						3	14	
OCEAN COUNTY	333	84.6	151	182					6	26	301	
Brick Twp.	48	78.8	21	27						4	44	
Dover Twp.	51	71.4	23	28					1	5	45	
PASSAIC COUNTY	242	52.4	94	148				1	5	27	209	
Clifton	55	71.9	29	26				1	1	6	47	
Passaic City	17	31.5	10	7					1		16	
Paterson	77	55.2	28	49					3	14	60	
Wayne Twp.	24	48.4	5	19							24	
SALEM COUNTY	38	58.1	18	20					2	9	27	
SOMERSET COUNTY	103	47.9	40	63					2	13	88	
SUSSEX COUNTY	56	45.6	24	32					4	4	48	
UNION COUNTY	313	62.0	119	194					7	39	267	
Elizabeth	79	74.1	39	40					4	16	59	
Plainfield	22	47.7	9	13					1	3	18	
Union Twp.	48	94.3	17	31					1	4	43	
WARREN COUNTY	47	54.3	17	30						3	44	
STATE INSTITUTIONS	1			1							1	
MILITARY POSTS	1		1								1	

TABLE-11

NEW JERSEY
PRINCIPAL CAUSES OF RESIDENT DEATHS BY AGE
1986

RANK ORDER	CAUSE AND CODE NUMBERS (9TH REVISION)	NUMBER OF DEATHS	RATE PER 100,000 EST. POP.
	TOTAL DEATHS-ALL AGES	71,299	935.7
1.	Diseases of heart (390-398, 402, 404-429)	27,601	362.2
2.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	17,000	223.1
3.	Cerebrovascular diseases (430-438)	4,372	57.4
4.	Pneumonia and influenza (480-487)	2,237	29.4
5.	Accidents (E800-E949)	2,176	28.6
6.	Diabetes mellitus (250)	1,454	19.1
7.	Chronic liver disease and cirrhosis (571)	1,012	13.3
8.	Septicemia (038)	991	13.0
9.	Nephritis, nephrotic syndrome and nephrosis (580-589)	894	11.7
10.	Other diseases of arteries, arterioles and capillaries (441-448)	726	9.5
11.	Suicide (E950-E959)	662	8.7
12.	Bronchitis, emphysema and asthma (490-493)	654	8.6
13.	Atherosclerosis (440)	626	8.2
	All other causes	10,894	143.0
	TOTAL DEATHS 1-4 YEARS	182	46.4
1.	Accidents (E800-E949)	54	13.8
2.	Congenital anomalies (740-759)	30	7.7
3.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	18	4.6
4.	Diseases of heart (390-398, 402, 404-429)	9	2.3
	All other causes	71	18.1
	TOTAL DEATHS 5-14 YEARS	242	24.1
1.	Accidents (E800-E949)	102	10.2
2.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	40	4.0
3.	Congenital anomalies (740-759)	18	1.8
4.	Diseases of heart (390-398, 402, 404-429)	9	0.9
4.	Suicide (E950-E959)	9	0.9
4.	Homicide and legal intervention (E960-E978)	9	0.9
	All other causes	55	5.5
	TOTAL DEATHS 15-24 YEARS	919	77.1
1.	Accidents (E800-E949)	411	34.5
2.	Homicide and legal intervention (E960-E978)	118	9.9
3.	Suicide (E950-E959)	102	8.6
4.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	63	5.3
5.	Diseases of heart (390-398, 402, 404-429)	38	3.2
	All other causes	187	15.7

TABLE-11 (Continued)

NEW JERSEY
PRINCIPAL CAUSES OF RESIDENT DEATHS BY AGE
1986

RANK ORDER	CAUSE AND CODE NUMBERS (9TH REVISION)	NUMBER OF DEATHS	RATE PER 100,000 EST. POP.
	TOTAL DEATHS 25-44 YEARS	4,324	184.6
1.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	712	30.4
2.	Accidents (E800-E949)	710	30.3
3.	Diseases of heart (390-398,402,404-429)	530	22.6
4.	Suicide (E950-E959)	262	11.2
5.	Homicide and legal intervention (E960-E978)	214	9.1
6.	Chronic liver disease and cirrhosis (571)	177	7.6
	All other causes	1,719	73.4
	TOTAL DEATHS 45-64 YEARS	13,675	854.6
1.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	5,073	317.0
2.	Diseases of heart (390-398,402,404-429)	4,462	278.9
3.	Cerebrovascular diseases (430-438)	531	33.2
4.	Chronic liver disease and cirrhosis (571)	437	27.3
5.	Accidents (E800-E949)	345	21.6
6.	Diabetes mellitus (250)	331	20.7
7.	Pneumonia and influenza (480-487)	188	11.7
8.	Suicide (E950-E959)	160	10.0
9.	Septicemia (038)	136	8.5
10.	Nephritis, nephrotic syndrome and nephrosis (580-589)	129	8.1
	All other causes	1,883	117.7
	TOTAL DEATHS 65 YEARS AND OVER	50,856	5,184.5
1.	Diseases of heart (390-398,402,404-429)	22,516	2,295.4
2.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	11,092	1,130.8
3.	Cerebrovascular diseases (430-438)	3,703	377.5
4.	Pneumonia and influenza (480-487)	1,905	194.2
5.	Diabetes mellitus (250)	1,054	107.4
6.	Septicemia (038)	738	75.2
7.	Nephritis, nephrotic syndrome and nephrosis (580-589)	726	74.0
8.	Other diseases of arteries, arterioles and capillaries (441-448)	592	60.4
9.	Atherosclerosis (440)	572	58.3
10.	Accidents (E800-E949)	538	54.8
	All other causes	7,420	756.4

Note: Rates may not add to total death rate due to rounding.

TABLE-12

NEW JERSEY
TUBERCULOSIS MORBIDITY AND MORTALITY
RATES PER 100,000 POPULATION
1986

Place of Residence	VERIFIED CASES Number	VERIFIED CASES Rate	ALL CASES Number	ALL CASES Rate	DEATHS Number	DEATHS Rate
STATE TOTAL	724	9.5	948	12.4	78	1.0
ATLANTIC COUNTY	22	10.7	29	14.1	7	3.4
Atlantic City	11	30.4	16	44.2	4	11.0
BERGEN COUNTY	42	5.0	49	5.9	7	0.8
BURLINGTON COUNTY	10	2.6	11	2.9	1	0.3
CAMDEN COUNTY	18	3.7	23	4.7	0	0.0
Camden City	6	7.2	8	9.6	0	0.0
Cherry Hill Twp.	3	4.1	3	4.1	0	0.0
Gloucester Twp.	0	0.0	0	0.0	0	0.0
CAPE MAY COUNTY	11	11.9	11	11.9	2	2.2
CUMBERLAND COUNTY	11	8.1	11	8.1	1	0.7
Vineland City	8	14.8	8	14.8	0	0.0
ESSEX COUNTY	163	19.3	176	20.9	19	2.3
Bloomfield	1	2.1	1	2.1	0	0.0
East Orange	17	21.9	18	23.2	2	2.6
Irvington	12	19.2	13	20.8	1	1.6
Newark	119	37.6	129	40.8	14	4.4
GLOUCESTER COUNTY	5	2.4	5	2.4	1	0.5
HUDSON COUNTY	111	20.1	165	29.9	11	2.0
Bayonne	6	9.6	10	16.0	0	0.0
Hoboken	6	14.5	8	19.3	0	0.0
Jersey City	74	33.9	110	50.3	9	4.1
North Bergen Twp.	5	10.6	9	19.0	2	4.2
Union City	6	10.7	9	16.1	0	0.0
HUNTERDON COUNTY	5	5.2	7	7.3	0	0.0
MERCER COUNTY	32	9.9	34	10.5	0	0.0
Hamilton Twp.	0	0.0	0	0.0	0	0.0
Trenton	29	31.6	31	33.8	0	0.0
MIDDLESEX COUNTY	38	6.0	113	17.8	3	0.5
Edison Twp.	5	6.1	13	15.9	0	0.0
New Brunswick	4	10.0	11	27.6	0	0.0
Old Bridge Twp.	0	0.0	1	1.3	0	0.0
Piscataway Twp.	0	0.0	7	16.0	0	0.0
Woodbridge Twp.	2	2.1	11	11.8	1	1.1
MONMOUTH COUNTY	27	5.0	35	6.5	7	1.3
Middletown Twp.	0	0.0	0	0.0	0	0.0
MORRIS COUNTY	8	1.9	10	2.4	2	0.5
Parsippany-Troy Hills	2	4.1	3	6.1	0	0.0
OCEAN COUNTY	23	5.8	24	6.1	3	0.8
Brick Twp.	3	4.9	3	4.9	0	0.0
Dover Twp.	6	8.4	6	8.4	0	0.0
PASSAIC COUNTY	83	18.0	115	24.9	3	0.7
Clifton	7	9.1	9	11.8	1	1.3
Passaic City	16	29.7	23	42.6	0	0.0
Paterson	53	38.0	73	52.3	2	1.4
Wayne Twp.	2	4.0	3	6.1	0	0.0
SALEM COUNTY	4	6.1	5	7.6	0	0.0
SOMERSET COUNTY	8	3.7	9	4.2	2	0.9
SUSSEX COUNTY	4	3.3	6	4.9	0	0.0
UNION COUNTY	70	13.9	80	15.9	9	1.8
Elizabeth	36	33.8	40	37.5	1	0.9
Plainfield	6	13.0	8	17.4	0	0.0
Union Twp.	6	11.8	6	11.8	2	3.9
WARREN COUNTY	1	1.2	1	1.2	0	0.0
STATE INSTITUTIONS	28		29		0	
MILITARY POSTS	0		0		0	

NOTE: Rates not computed for State Institutions and Military Posts due to lack of population base.

TABLE-13

NEW JERSEY
RESIDENT CASES OF SYPHILIS BY STAGE AND GONORRHEA
1986

PLACE OF RESIDENCE	SYPHILIS TOTAL CASES* Number	SYPHILIS TOTAL CASES* Rate	PRIMARY AND SECONDARY Number	PRIMARY AND SECONDARY Rate	EARLY LATENT Number	EARLY LATENT Rate	LATE AND LATE LATENT Number	LATE AND LATE LATENT Rate	GONORRHEA Number	GONORRHEA Rate
STATE TOTAL	1,993	26.2	672	8.8	551	7.2	760	10.0	19,612	257.4
ATLANTIC COUNTY	142	68.8	44	21.3	45	21.8	53	25.7	607	294.2
Atlantic City	108	298.2	34	93.9	36	99.4	38	104.9	368	1,016.0
BERGEN COUNTY	84	10.0	21	2.5	23	2.7	38	4.5	582	69.5
BURLINGTON COUNTY	20	5.2	7	1.8	8	2.1	5	1.3	327	85.5
CAMDEN COUNTY	116	23.5	18	3.7	40	8.1	57	11.6	1,073	217.7
Camden City	76	91.3	10	12.0	25	30.0	40	48.0	828	994.4
Cherry Hill Twp.	5	6.9			1	1.4	4	5.5	26	35.8
Gloucester Twp.									21	41.7
CAPE MAY COUNTY	7	7.6	1	1.1	1	1.1	5	5.4	112	121.5
CUMBERLAND COUNTY	107	78.4	39	28.6	45	33.0	23	16.9	557	408.2
Vineland City	56	103.7	16	29.6	29	53.7	11	20.4	242	448.3
ESSEX COUNTY	463	54.9	235	27.8	133	15.8	92	10.9	7,146	846.8
Bloomfield	1	2.1	1	2.1					17	35.6
East Orange	64	82.5	27	34.8	17	21.9	19	24.5	1,098	1,415.3
Irvington	33	52.8	13	20.8	14	22.4	6	9.6	519	830.8
Newark	340	107.5	181	57.2	95	30.0	62	19.6	5,123	1,619.4
GLOUCESTER COUNTY	20	9.5	3	1.4	3	1.4	14	6.6	163	77.4
HUDSON COUNTY	281	50.9	102	18.5	43	7.8	135	24.5	1,693	306.8
Bayonne	12	19.1	7	11.2			5	8.0	25	39.9
Hoboken	10	24.2	4	9.7			6	14.5	31	74.9
Jersey City	172	78.7	70	32.0	35	16.0	66	30.2	1,521	695.9
North Bergen Twp.	7	14.8	3	6.3			4	8.4	16	33.8
Union City	35	62.7	6	10.7	4	7.2	25	44.8	49	87.8
HUNTERDON COUNTY	3	3.1					3	3.1	22	22.8
MERCER COUNTY	100	31.0	22	6.8	43	13.3	34	10.5	2,260	700.8
Hamilton Twp.	3	3.4	1	1.1	2	2.3			60	68.7
Trenton	93	101.4	20	21.8	40	43.6	32	34.9	2,088	2,275.8
MIDDLESEX COUNTY	88	13.8	26	4.1	16	2.5	45	7.1	760	119.5
Edison Twp.	3	3.7	2	2.4			1	1.2	31	37.8
New Brunswick	24	60.2	5	12.5	6	15.1	13	32.6	441	1,106.4
Old Bridge Twp.									3	5.4
Piscataway Twp.	5	11.4	4	9.1	1	2.3			69	157.4
Woodbridge Twp.	7	7.5					7	7.5	16	17.2
MONMOUTH COUNTY	84	15.5	35	6.5	22	4.1	27	5.0	627	115.6
Middletown Twp.	1	1.4					1	1.4	9	13.0
MORRIS COUNTY	12	2.9	3	0.7	3	0.7	6	1.4	239	57.1
Parsippany-Troy Hills	3	6.1			2	4.1	1	2.0	13	26.4
OCEAN COUNTY	13	3.3	1	0.3	6	1.5	6	1.5	158	40.1
Brick Twp.	2	3.3			1	1.6	1	1.6	4	6.6
Dover Twp.	3	4.2			1	1.4	2	2.8	29	40.6
PASSAIC COUNTY	257	55.7	71	15.4	73	15.8	111	24.1	1,561	338.2
Clifton	11	14.4	6	7.8	1	1.3	3	3.9	28	36.6
Passaic City	66	122.3	20	37.1	20	37.1	26	48.2	175	324.3
Paterson	170	121.9	41	29.4	49	35.1	79	56.6	1,322	948.0
Wayne Twp.	2	4.0	2	4.0					10	20.2
SALEM COUNTY	5	7.6	1	1.5	1	1.5	3	4.6	114	174.2
SOMERSET COUNTY	17	7.9	1	0.5	7	3.3	9	4.2	192	89.2
SUSSEX COUNTY	2	1.6					2	1.6	31	25.2
UNION COUNTY	138	27.3	39	7.7	30	5.9	69	13.7	1,107	219.4
Elizabeth	74	69.4	17	15.9	14	13.1	43	40.3	288	270.0
Plainfield	28	60.7	15	32.5	4	8.7	9	19.5	530	1,149.8
Union Twp.	2	3.9			1	2.0	1	2.0	51	100.2
WARREN COUNTY	2	2.3					2	2.3	40	46.2
STATE INSTITUTIONS	20		2		4		14		10	
MILITARY POSTS	13		1		5		7		231	

* Total cases includes 10 Congential Syphilis Cases.
Rates not computed for State Institutions and Military Posts due to lack of population base.

TABLE-14

NEW JERSEY
CIVILIAN CASES OF SYPHILIS BY STAGE AND GONORRHEA BY AGE AND SEX
AGE-SPECIFIC RATES AND SEX-SPECIFIC RATES PER 100,000 POPULATION
1986

	SYPHILIS CASES											
	Total		PRIMARY AND SECONDARY		EARLY LATENT		LATE AND LATE LATENT		CONGENITAL		GONORRHEA	
Sex and Age	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
TOTAL	1,980	26.0	671	8.8	546	7.2	753	9.9	10	0.1	19,381	254.4
Under 5	9	1.8							9	1.8	19	3.8
5-9											19	4.0
10-14	5	1.0	2	0.4	2	0.4	1	0.2			198	37.7
15-19	175	30.3	66	11.4	80	13.9	29	5.0			4,617	800.2
20-24	468	76.0	192	31.2	168	27.3	108	17.5			6,016	977.3
25-29	467	73.6	182	28.7	134	21.1	150	23.6	1	0.2	3,738	589.2
30-34	303	48.3	91	14.5	74	11.8	138	22.0			1,711	272.8
35-39	176	30.5	50	8.7	42	7.3	84	14.5			805	139.4
40-44	86	17.1	32	6.4	13	2.6	41	8.1			359	71.3
45-59	153	12.6	45	3.7	26	2.1	82	6.7			393	32.3
60 and over	124	9.1	11	0.8	6	0.4	107	7.8			54	4.0
Unstated	14				1		13				1,452	
Male	1,138	31.1	384	10.5	302	8.3	448	12.3	4	0.1	12,420	339.9
Female	842	21.2	287	7.2	244	6.2	305	7.7	6	0.2	6,961	175.5

The totals above include only New Jersey Residents, excluding Military.
The 1986 population estimates used for calculation of rates.

TABLE-15

NEW JERSEY
ANNUAL SUMMARY OF NOTIFIABLE DISEASES BY COUNTY OF USUAL RESIDENCE
1986

			HEPATITIS							MENINGOCOCCAL INFECTIONS															
COUNTIES	Amebiasis	Aseptic Meningitis	Type A	Type B	Type Unspecified	Type Non-A Non-B	Legionellosis	Malaria	Measles (Rubeola)	Total	Military	Civilian	Mumps	Pertussis (Whooping Cough)	Rubella (German Measles)	Salmonellosis (Excluding Typhoid Fever)	Shigellosis (Bacillary Dysentery)	Tetanus	Trichinosis	Tularemia	Typhoid Fever (Cases Only)	Typhus Fever (Rocky Mt. Spotted)	Toxic Shock Syndrome	Encephalitis (Other Primary Infections)	Encephalitis Post Other
TOTAL	84	280	383	630	58	63	30	36	881	77		77	51	20	4	2,567	375	4	3	2	11	2	28	11	1
Atlantic		10	64	46	3	1		1		3		3	1	1	1	61	4						1		
Bergen	2	24	11	36	2	3	2	5	17	6		6	6	1	1	218	23				1		1		
Burlington	2	5	42	24	1	3	2			3		3	1	4		62	3								
Camden	1	9	21	75	2	5	1	1		5		5	5	4		196	15			1	1		1	1	
Cape May	40	8	24	21						2		2	2			21	3								
Cumberland	5	7	9	24	4	5	3						1			74	5							1	
Essex	4	24	20	92	6	6	1	6	56	11		11	3	2		322	69				3		5	3	
Gloucester		11	5	17	1			2		4		4	6	1		41	5						1		
Hudson	4	8	12	33	9	4		4	573	4		4	4	1	1	251	35				1		1	1	1
Hunterdon	1	3	4	7	1	1										15	2								
Mercer	1	11	4	43	1	6	5	1					3			146	11								
Middlesex	2	15	40	45	5	5	1	6	4	7		7	1			260	53	1				1	7		
Monmouth		44	19	38	3	7	9	2	2	4		4	2			198	9	1	2		3	1	1	2	
Morris	7	21	11	24	3	6		2		8		8	4	2		82	9	1					2	1	
Ocean		12	57	25	7	5	1		1	2		2	2	1		151	5		1	1			1		
Passaic		13	20	42	1	3		1	201	8		8	4	2		154	65						1		
Salem		3	2	5	1					1		1	1			21		1					1		
Somerset	3	11	6	13	2	1	3	3	3				3			45	8						3		
Sussex		11	1	2	1				1				1	1		44	3							2	
Union	2	24	10	18	5	2	2	2	5	8		8				134	33				2		1		
Warren		6	1						1	1		1	1		1	23							1		
Unknown	10								17							48	15								

NOTE: There were no cases of Brucellosis, Diptheria or Encephalitis (Arthroped Borne and Post Chicken Pox).

Historical Perspective
1986

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Historical Perspective
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INTRODUCTION

The historical perspective presented in this report includes an overview of socio-demographic trends and mortality statistics for the United States and New Jersey. Trends in births, deaths, marriages, divorces, fertility, and average length of life are emphasized. Also changes in the incidence of selected communicable diseases are summarized.

STATISTICAL OVERVIEW

U.S. TRENDS

The total United States population including Armed Forces overseas reached 241.0 million on July 1, 1986, an increase of 0.2 percent from the previous year. The preponderance of population growth has been in the South and West with these two regions accounting for 91.0 percent of the nation's growth between April 1, 1980 and July 1, 1986. Recent projections indicate that the population will increase to 249.7 million by 1990 and to 268.0 million by 2000. These increases are based on the assumption that United States couples will have an average of two children.

The rate of population growth has slowed substantially since the 1950's. The decrease in the annual number of births from 4.3 million in the late 1950's to 3.7 million in 1985 and 1986 has more than offset the increase in life expectancy from 68.2 years in 1950 to 74.9 years in 1986. If the growth rate experienced in the 1970s continues, the population will double in size in about 85 years. In other industrialized countries with slower growth rates than the United States, such as the German Federal Republic, England and Wales, it will take as many as 347 years for the population to double. In the lesser developed countries with higher rates of growth, such as Mexico, the population will double in about 17 years.

By the end of the century the number of people 65 years of age and over in the United States is projected to increase by about 5 million from 12.9 percent of the population in 1986 to 13.1 percent by 2000. Since the elderly are less healthy and utilize more health services than younger people, there will probably be an increase in demand for health and social services.

Birth rates in general have steadily decreased since the late 1950's with women having their first child at a later age than in the past. From 1972 to 1976, rates of having the first child increased for women in age groups 25-29 and 30-34 but decreased for women 20-24 years of age. Birth rates for young teenagers between 15-17 did not begin to drop until the early 1970s, unlike the rates for older teenagers, 18-19, which declined similarly to the rates for women 20-24 years of age.

The national crude death rate has remained steady since 1975, ranging from 8.5 per 1,000 population to 8.8. A comparison of the crude death rate between the United States and New Jersey shows that the New Jersey rate of 935.7 per 100,000 is higher than the United States rate of 870.8. This difference is presumbably related to a higher concentration of older age groups with higher death rates in New Jersey.

Between 1975 and 1986 the United States infant mortality rate per 1,000 live births dropped 35 percent from 16.1 to 10.4. The decline in actual infant deaths was slightly over 20 percent. The infant mortality rate for New Jersey was 6.7 percent lower than the United States rate of 10.6 in 1986. Infant mortality rates in New Jersey have declined similarly to those for the United States during the past 10 years.

Average length of life in the United States since 1950 increased from 68.2 years to 74.9 years, a 9.8 percent gain. The increase in average life span was greater for females; their average length of life increased from 71.1 years in 1950 to 78.3 years in 1986 or 10.1%. The average length of life for males over the same thirty-five year period rose from 65.6 to 71.3--a gain of 8.7%. The average length of life for Blacks has been increasing faster than for Whites since data became available in 1970. However, their life expectancy is still lower, being 65.5 for males and 73.6 for females.

NEW JERSEY TRENDS

New Jersey is the most densely populated state in the nation (1020.4 persons per square mile as of July 1, 1986) and was the first state to pass a thousand persons per square mile. Future population increases are expected to be lower than for the nation as a whole. However, the annual growth rate of about 0.6% during this decade is higher than the 0.3% per annum growth that took place over the 1970-80 period. The New Jersey Department of Labor recently projected that by the year 2000 the State's population would reach the 8.5 million mark; 9.2 million is anticipated by July 1, 2020.

The population growth that is predicted should result from an increase in the number of births and projected in-migration from bordering states. The projected increase in births is based on the relatively large numbers of women in the childbearing ages between 15-44 years of age. Based on current trends, strong employment growth is indicated in several counties that should attract workers from bordering states.

Looking back, New Jersey's population grew much faster than the nation's during the fifties and the sixties, despite lower birth rates and higher death rates. The rapid growth in the State's population was attributed to a large net in-migration that took place mostly from the neighboring states of New York and Pennsylvania. In the 1970s, however, New Jersey registered an almost stationary 2.7 percent population growth as compared to the 11.4 percent average rate for the United States. The reversal that took place during the seventies of the previous trend was almost entirely because of a net out-migration.

The State's population growth was in suburbia and was concentrated more in the northeast and southwest counties than in the rural or shore areas. The urban areas, in contrast, experienced a population decline from 1970 to 1980 as the shrinking of the State's industrial base had its impact. Still, nine out of ten of the State's residents continue to live in the major urban centers of the State.

The racial composition, age distribution, and other population characteristics did not change significantly in New Jersey between 1970 and 1980. The characteristics for 1980 are similar to those of the United States. However, two major differences in the composition have been observed: (a) the State's minority population is growing more rapidly than in the nation as a whole, due primarily to the in-migration of Hispanics; and (b) both the marriage and divorce rates remain noticeably below the national averages.

Over the years the trends in birth rates have paralleled those of the nation as a whole. While birth rates are higher nationally than in New Jersey, both rates declined from 1947 to the mid-1970s. In 1977 the birth rates began to increase in New Jersey and nationally, although slowly. The gap between the New Jersey and national birth rates widened between 1979-1982 with slower annual increases in New Jersey than nationally. Since 1983 the gap in birth rates has narrowed with higher increases in New Jersey.

The fertility rate, or ratio of live births per 1,000 women aged 15-44, is another indicator of actual birth trends. The fertility rate for New Jersey in 1970 was 81.2 compared to 82.6 births per 1,000 women for the nation. With the downward trend in population increases, out-migration and a lower birth rate, the fertility rate has been affected. By 1975 the fertility rate for New Jersey had dropped to 56.6, which was below the 65.8 rate for the United States. In the 1980s, the New Jersey fertility rate began to stabilize. It was 57 live births per 1,000 women in 1980. In 1986 the fertility rate was 60.4. During the same time period, 1980 to 1986, the fertility rate in the United States dropped from 68.4 to 64.9.

Mortality trends present a different picture from birth trends. In 1960 the State's mortality rate per 1,000 population was less than the national rate. In 1967 an increase in mortality started nationally which kept the New Jersey rate below that of the nation's. While the difference was not great, the rate remained below the national level until 1974, when New Jersey's crude mortality rate exceeded that of the United States. A higher crude mortality rate in New Jersey has continued since that time, producing a widening of the gap. Part of the reason New Jersey's rate is increasing more rapidly is the higher proportion of persons aged 65 and above in New Jersey. Persons in this age group comprised 12.9 percent of New Jersey's population in 1986, whereas 12 percent of the United States population fell into this age group.

Perinatal mortality is a composite statistic used to measure the critical period of human development just prior to birth and shortly thereafter. As presented in this report, perinatal mortality includes fetal deaths plus neonatal deaths of infants under 28 days of age. Since 1947 when New Jersey began computing perinatal mortality rates, the rate has decreased by 61 percent. It dropped from 41.4 to 16.0 deaths per 1,000 live births plus fetal deaths from 1947 to 1983. After a 10.0 percent upturn in 1985 raised the perinatal mortality rate to 17.6, the rate decreased to 17.1 in 1986. Over the last twenty-five years maternal deaths also have declined dramatically. In 1985 the lowest maternal death rate to date was recorded at 0.1 per 10,000 live births. However, a tripling of the number of maternal deaths (9) raised the rate to 0.2 in 1986.

Rates of homicide and suicide have changed dramatically since 1940, but in different directions. Homicide rates rose sharply in New Jersey from 1.7 per 100,000 population in 1940 to a high of 7.5 in 1981. The rate in 1985 and 1986 was 6.0, a decline of 20 percent since 1981. On the other hand, suicides decreased from 15.9 per 100,000 in 1940 to a low of 6.8 in 1970. Since then, the suicide rate has fluctuated between 6.8 and 8.9. The rate for 1986 was 8.7.

Tuberculosis cases and deaths are much less frequent now than in 1940 when almost 90 people out of 100,000 suffered from TB and 44% died. Corresponding rates of cases and deaths in 1986 were 12.4 and 1.0 per 100,000 population. However, the steady decline in cases and deaths may have bottomed in 1985.

Changes in the rates of syphilis and gonorrhea have been marked over the years. As syphlis is controlled, gonorrhea seems to spread. The rate for syphilis dropped from 247.1 in 1940 to a low of 24.7 in 1978. The rate for gonorrhea, on the other hand, rose from 73.6 cases per 100,000 in 1940 to a high of 310.5 in 1981. The incidence rates for primary and secondary cases of syphilis in New Jersey decreased from 10.0 per 100,000 in 1985 to 8.8 per 100,000 in 1986, 24.7 percent lower than the rate for the nation of 11.7. The gonorrhea incidence rate of 254.4 per 100,000 in 1986 was the lowest it has been since 1977, and it is far below the national rate of 376.4.

New Jersey's ranking of causes of death is the same as the nation's with the leading causes being heart diseases, malignancies, cerebrovascular diseases and accidents, all of which account for 71.7 percent of the deaths in New Jersey. While New Jersey's crude death rates for heart diseases and malignancies are higher than those for the nation, the reverse is true for cerebrovascular diseases and accidental deaths. Trends in death rates between 1970 and 1986 for the principal causes of death are presented in Table 8. While the rate for diabetes has dropped from 36.5 per 100,000 population in 1940 to 19.1 in 1986, the rate for heart diseases climbed, then returned to just above the 1940 rate of 358.9. Rates of death also are declining for cerebrovascular diseases. Rates of death are rising for malignant neoplasms and septicemia.

TABLE-1

VITAL STATISTICS OF THE UNITED STATES
1974-1986

Year	Births	Deaths	Natural Increase	Marriages	Divorces	Infant Mortality
1974	3,159,958	1,934,388	1,225,570	2,229,667	977,000	52,776
1975	3,144,198	1,892,879	1,251,319	2,152,662	1,036,000	50,525
1976	3,167,788	1,909,440	1,258,348	2,154,807	1,083,000	48,265
1977	3,326,632	1,899,597	1,427,035	2,178,367	1,091,000	46,975
1978	3,333,279	1,927,788	1,405,491	2,282,272	1,130,000	45,945
1979	3,494,398	1,913,841	1,580,557	2,331,337	1,181,000	45,665
1980	3,612,258	1,989,841	1,622,417	2,390,252	1,189,000	45,526
1981	3,629,238	1,977,981	1,651,257	2,422,145	1,219,000	42,700
1982	3,680,537	1,974,797	1,705,740	2,495,000	1,180,000	42,770
1983	3,638,933	2,019,201	1,619,732	2,444,000	1,179,000	39,400
1984	3,669,141	2,039,369	1,629,772	2,487,000	1,155,000	39,580
1985	3,749,000	2,084,000	1,665,000	2,425,000	1,187,000	40,030
1986	3,731,000	2,099,000	1,632,000	2,400,000	1,159,000	38,600

NOTE: Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States.

TABLE-2

VITAL STATISTICS OF THE UNITED STATES
RATES PER 1,000 POPULATION
1974-1986

Year	Births	Deaths	Natural Increase	Marriages	Divorces	Infant Mortality[2]
1974	14.8	9.1	5.7	10.5	4.6	16.7
1975	14.6	8.8	5.8	10.0	4.8	16.1
1976	14.6	8.8	5.8	9.9	5.0	15.2
1977	15.1	8.6	6.5	9.9	5.0	14.1
1978	15.0	8.7	6.3	10.3[1]	5.1	13.8
1979	15.6	8.5	7.1	10.4	5.3	13.1
1980	15.9	8.8	7.1	10.6	5.2	12.6
1981	15.8	8.6	7.2	10.6	5.3	11.9
1982	15.9	8.5	7.4	10.6	5.0	11.5
1983	15.5	8.6	6.9	10.5	4.9	11.2
1984	15.5	8.6	6.9	10.5	5.0	10.8
1985	15.7	8.7	7.0	10.2	5.0	10.6
1986	15.5	8.7	6.8	10.0	4.8	10.4

[1] Beginning with 1978, data include nonlicensed marriages registered in California.
[2] Infant mortality rates per 1,000 live births.

TABLE-3

UNITED STATES
AVERAGE LENGTH OF LIFE IN YEARS, BY RACE AND SEX: SPECIFIED YEARS 1950-1986

	All Races			White			All Others					
							Total			Black		
Year	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
1950	68.2	65.6	71.1	69.1	66.5	72.2	60.8	59.1	62.9	----	----	----
1960	69.7	66.6	73.1	70.6	67.4	74.1	63.6	61.1	66.3	----	----	----
1970	70.8	67.1	74.7	71.7	68.0	75.6	65.3	61.3	69.4	64.1	60.0	68.3
1975	72.6	68.8	76.6	73.4	69.5	77.3	68.0	63.7	72.4	66.8	62.4	71.3
1976	72.9	69.1	76.8	73.6	69.9	77.5	68.4	64.2	72.7	67.2	62.9	71.6
1977	73.3	69.5	77.2	74.0	70.2	77.9	68.9	64.7	73.2	67.7	63.4	72.0
1978	73.5	69.6	77.3	74.1	70.4	78.0	69.3	65.0	73.5	68.1	63.7	72.4
1979	73.9	70.0	77.8	74.6	70.8	78.4	69.8	65.4	74.1	68.5	64.0	72.9
1980	73.7	70.0	77.4	74.4	70.7	78.1	69.5	65.3	73.6	68.1	63.8	72.5
1981	74.2	70.4	77.8	74.8	71.1	78.4	70.3	66.1	74.4	68.9	64.5	73.2
1982	74.5	70.9	78.1	75.1	71.5	78.7	71.0	66.8	75.0	69.4	65.1	73.7
1983	74.6	71.0	78.1	75.2	71.7	78.7	71.1	67.2	74.9	69.6	65.4	73.6
1984	74.7	71.2	78.2	75.3	71.8	78.7	71.3	67.4	75.0	69.7	65.6	73.7
1985	74.7	71.2	78.2	75.3	71.8	78.7	71.2	67.2	75.2	69.5	65.3	73.7
1986	74.9	71.3	78.3	75.4	72.0	78.9	71.4	67.6	75.1	69.6	65.5	73.6

Source: United States, 1986 Monthly Vital Statistics Report Vol. 35, No. 13, August 24, 1987. Deaths based on a 50-percent sample.

TABLE-4

NEW JERSEY
VITAL STATISTICS SUMMARY
SPECIFIED YEARS 1940-1986

	BIRTHS		MARRIAGES		DIVORCES		DEATHS		FERTILITY
YEAR	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	RATE
1940	59,328	14.3	41,059	9.9	------	----	45,206	10.9	57.0
1950	97,734	20.2	46,291	9.6	------	----	48,837	10.1	86.6
1960	132,594	21.8	39,820	6.6	------	----	59,330	9.8	106.1
1970	120,168	16.7	56,625	7.9	10,004	1.4	67,976	9.5	81.2
1980	96,438	13.1	55,794	7.6	25,783	3.5	68,762	9.3	57.0
1970	120,168	16.7	56,625	7.9	10,004	1.4	67,976	9.5	81.2
1971	111,376	15.3	56,531	7.8	12,84	1.8	67,680	9.3	74.0
1972	99,050	13.5	58,476	8.0	15,017	2.1	68,865	9.4	65.1
1973	94,024	12.8	59,723	8.1	22,054	3.0	68,631	9.3	61.6
1974	94,242	12.7	56,449	7.6	19,880	2.7	66,797	9.0	61.6
1975	91,457	12.4	53,008	7.2	20,475	2.8	65,422	8.9	56.6
1976	90,549	12.3	51.291	7.0	20,990	2.9	65,276	8.9	55.2
1977	93,786	12.7	50,677	6.9	19,894	2.7	65,646	8.9	58.9
1978	93,356	12.8	52,993	7.2	24,752	3.4	65,161	8.9	58.6
1979	95.672	13.0	54,740	7.5	23,934	3.3	65,495	8.9	60.2
1980	96,438	13.1	55,794	7.6	25,783	3.5	68,762	9.3	57.0
1981	96,205	13.0	58,010	7.8	27,852	3.8	67,053	9.1	56.8
1982	98,225	13.2	59,949	8.1	30,322	4.1	67,471	9.1	57.7
1983	98,746	13.2	61,798	8.3	27.923	3.7	68,626	9.2	57.8
1984	100,950	13.4	62,654	8.3	28,470	3.8	68,944	9.2	57.4
1985	105,329	13.9	61,189	8.1	29,295	3.9	70,655	9.3	59.2
1986	108,444	14.2	61,362	8.1	27,669	3.6	71,299	9.4	60.4

NOTE: Rates are expressed as per 1,000 population.
See Technical Notes for fertility rates.

TABLE-5

NEW JERSEY
MATERNAL AND INFANT MORTALITY STATISTICS
SPECIFIED YEARS 1940-1986

YEAR	INFANT DEATHS[1] NO.	RATE	NEONATAL DEATHS[1] NO.	RATE	FETAL DEATHS[1] NO.	RATE	PERINATAL DEATHS[2] NO.	RATE	MATERNAL DEATHS[3] NO.	RATE
1940	2,094	35.3	1,422	24.0	1,543	26.0	2,965	48.7	172	29.0
1950	2,445	25.0	1,875	19.2	1,845	18.9	3,720	37.4	76	7.8
1960	3,248	24.5	2,453	18.5	2,201	16.6	4,659	34.6	44	3.3
1970	2,406	20.0	1,915	15.9	1,698	14.1	3,613	29.6	38	3.2
1980	1,201	12.5	829	8.6	925	9.6	1,754	18.0	5	0.5
1970	2,406	20.0	1,915	15.9	1,698	14.1	3,613	29.6	38	3.2
1971	2,095	18.8	1,612	14.5	1,441	12.9	3,053	27.1	25	2.2
1972	1,809	18.3	1,394	14.1	1,232	12.4	2,626	26.2	23	2.3
1973	1,644	17.5	1,249	13.3	1,204	12.8	2,453	25.8	16	1.7
1974	1,582	16.8	1,199	12.7	1,071	11.4	2,270	23.8	16	1.7
1975	1,434	15.7	1,042	11.4	941	10.3	1,983	21.5	14	1.5
1976	1,366	15.1	1,034	11.4	1,004	11.1	2,038	22.3	18	2.0
1977	1,355	14.4	1,013	10.8	1,083	11.5	2,096	22.1	13	1.4
1978	1,145	12.3	812	8.7	929	10.0	1,741	18.5	9	1.0
1979	1,223	12.8	873	9.1	931	9.7	1,804	18.7	8	0.8
1980	1,201	12.5	829	8.6	925	9.6	1,754	18.0	5	0.5
1981	1,016	10.6	700	7.3	920	9.6	1,620	16.7	7	0.7
1982	1,153	11.7	800	8.1	1,008	10.3	1,808	18.2	11	1.1
1983	1,115	11.3	755	7.6	839	8.5	1,594	16.0	5	0.5
1984	1,090	10.8	744	7.4	1,062	10.5	1,806	17.7	11	1.1
1985	1,113	10.6	759	7.2	1,119	10.6	1,878	17.6	3	0.1
1986	1,055	9.7	708	6.5	1,166	10.8	1,874	17.1	9	0.8

NOTE:
1) Rates are expressed as per 1,000 live births.
2) Rates represent neonatal deaths plus fetal deaths per 1,000 live births plus fetal deaths.
3) Rates per 10,000 live births.

TABLE-6

NEW JERSEY
SELECTED COMMUNICABLE DISEASES, HOMICIDES AND SUICIDE
1940-1986

	HOMICIDES		SUICIDES		TB DEATHS		TB CASES		SYPHILIS		GONORRHEA	
1940	69	1.7	664	15.9	1,825	43.8	3,702	88.9	10,287	247.1	3,066	73.6
1950	116	2.4	605	12.5	1,170	24.02	3,548	73.4	5,768	119.4	3,904	80.8
1960	158	2.6	486	8.0	354	5.8	2,928	40.0	5,273	86.5	5,181	85.0
1970	418	5.8	487	6.8	245	3.4	2,013	28.0	5,078	70.6	9,751	135.6
1980	530	7.2	576	7.8	65	0.9	980	13.3	2,314	31.4	21,018	285.4
1970	418	5.8	487	6.8	245	3.4	2,013	28.0	5,078	70.6	9,751	135.6
1971	458	6.3	570	7.8	217	3.0	2,118	29.2	6,029	83.0	11,480	158.1
1972	499	6.8	617	8.4	166	2.3	1,162	23.1	2,636	36.0	16,658	227.5
1973	523	7.1	609	8.3	184	2.5	1,531	20.8	2,895	39.3	16,206	219.9
1974	513	6.9	572	7.7	161	2.2	1,474	19.9	2,634	35.6	15,294	206.8
1975	520	7.1	612	8.3	122	1.7	1,362	18.5	2,410	32.8	17.261	234.9
1976	405	5.5	577	7.8	112	1.5	1,317	17.9	2,180	29.6	17,708	240.7
1977	414	5.6	643	8.7	104	1.4	1,351	18.4	1,899	25.8	18,837	256.0
1978	406	5.5	563	7.7	104	1.4	1,105	15.1	1,804	24.7	20,221	276.4
1979	490	6.7	572	7.8	74	1.0	1,008	13.7	1,934	26.4	19,548	266.6
1980	530	7.2	576	7.8	65	0.9	980	13.3	2,314	31.4	21,018	285.4
1981	558	7.5	552	7.5	55	0.7	1,028	13.9	2,096	28.3	22,998	310.5
1982	548	7.4	605	8.1	53	0.7	884	11.9	1,930	26.0	22,665	305.2
1983	447	6.0	572	7.7	56	0.7	891	11.9	2,088	28.0	22,075	295.6
1984	435	5.8	650	8.7	70	0.9	935	12.4	2,006	26.7	20,351	270.9
1985	452	6.0	672	8.9	62	0.8	839	11.1	2,284	30.2	19,751	261.2
1986	459	6.0	662	8.7	78	1.0	948	12.4	1,993	26.2	19,612	257.4

NOTE:
1) Rates are expressed as per 100,000 population.
2) The sharp decrease in new cases of syphilis in 1972 reflects improved tabulation of data eliminating cases previously recorded in New Jersey or other states.

TABLE-7

Death Rates and Percent of Total Deaths for Selected
Causes of Deaths: United States and New Jersey, 1986
(Rates per 100,000 Estimated Population)

Cause of Death (International List Number, 9th Revision)	New Jersey Number	New Jersey Rate	New Jersey Percent	Provisional United States Number	Provisional United States Rate	Provisional United States Percent
TOTAL DEATHS	71,299	935.7	100.0	2,099,000	870.8	100.0
Diseases of heart (390-398, 402, 404-429)	27,601	362.2	38.7	768,350	318.7	36.6
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	17,000	223.1	23.8	465,980	193.3	22.2
Cerebrovascular diseases (430-438)	4,372	57.4	6.1	147,790	61.3	7.0
Accidents (E800-E949)	2,176	28.6	3.1	95,640	39.7	4.6
Motor vehicle accidents (E810-E825)	1,029	13.5	1.4	48,560	20.1	2.3
All other accidents and adverse effects (E800-E807, E826-E949)	1,147	15.1	1.6	47,080	19.5	2.2
Pneumonia and Influenza (480-487)	2,237	29.4	3.1	70,500	29.2	3.4
Diabetes Mellitus (250)	1,454	19.1	2.0	36,340	15.1	1.7
Suicide (E950-E959)	662	8.7	0.9	31,470	13.1	1.5
Chronic liver disease and cirrhosis (571)	1,012	13.3	1.4	26,210	10.9	1.2
Atherosclerosis (440)	626	8.2	0.9	22,120	9.2	1.1
Other diseases of arteries, arterioles and capillaries (441-448)	726	9.5	1.0	22,090	9.2	1.1
Nephritis, nephrotic syndrome and nephrosis (580-589)	894	11.7	1.3	21,790	9.0	1.0
Bronchitis, emphysema and asthma (490-493)	654	8.6	0.9	21,680	9.0	1.0
Homicide and legal intervention (E960-E978)	459	6.0	0.6	21,400	8.9	1.0
Septicemia (038)	991	13.0	1.4	18,640	7.7	0.9
All other causes	10,435	136.9	14.6	329,000	136.5	15.7

Source of United States Data: Monthly Vital Statistics Report, Vol. 35, No. 13, August 24, 1987.
Provisional data from the National Center for Health Statistics.

TABLE-8

NEW JERSEY
PRINCIPAL CAUSES OF DEATH
1940-1986

	Diseases of Heart (390-398, 402, 404-429)		Malignant Neoplasms, Lymphatic and Hematopoietic Tissues (140-208)		Cerebrovascular Diseases (430-438)		Accidents (E800-E949)		Pneumonia and Influenza (480-487)		Diabetes Mellitus (250)		Chronic Liver Diseases and Cirrhosis (571)	
Year	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1940	14,942	358.9	------	-----	-----	----	-----	----	-----	----	1,518	36.5	-----	----
1950	------	-----	------	-----	-----	----	-----	----	-----	----	-----	----	-----	----
1960	28,187	429.4	------	-----	-----	----	2,217	36.4	1,840	30.1	1,238	20.3	920	15.1
1970	29,351	408.0	13,242	184.1	6,290	87.4	2,982	41.4	1,928	26.8	1,512	21.0	1,417	19.7
1980	29,393	399.1	15,502	210.5	5,036	68.4	2,488	33.8	1,662	22.6	1,440	19.6	1,168	15.9
1970	29,351	408.0	13,242	184.1	6,290	87.4	2,982	41.4	1,928	26.8	1,512	21.0	1,417	19.7
1971	29,345	401.8	13,085	179.2	6,262	85.7	3,021	41.4	1,865	25.5	1,524	20.9	1,435	19.6
1972	29,723	402.6	13,616	184.4	6,432	87.1	2,878	39.0	2,018	27.3	1,480	20.1	1,384	18.7
1973	29,167	395.7	14,077	191.0	6,499	88.2	2,995	40.6	1,898	25.7	1,535	20.8	1,400	19.0
1974	28,160	380.1	13,999	188.9	6,351	85.7	2,728	36.8	1,745	23.6	1,449	19.6	1,346	18.2
1975	27,378	368.3	14,377	193.4	5,831	78.4	2,602	35.0	1,616	21.7	1,416	19.0	1,235	16.6
1976	27,613	371.6	14,585	196.3	5,504	74.1	2,520	33.9	1,824	24.5	1,311	17.6	1,267	17.0
1977	27,721	377.2	14,925	203.1	5,393	73.4	2,551	34.7	1,673	22.8	1,300	17.7	1,248	17.0
1978	27,514	374.4	15,119	205.7	5,274	71.8	2,472	33.6	1,621	22.1	1,347	18.3	1,237	16.8
1979	27,778	378.9	15,219	207.6	4,920	67.1	2,634	35.9	1,413	19.3	1,255	17.1	1,089	14.9
1980	29,393	399.1	15,502	210.5	5,036	68.4	2,488	33.8	1,662	22.6	1,440	19.6	1,168	15.9
1981	28,164	380.2	15,740	212.5	4,934	66.6	2,544	34.3	1,606	21.7	1,384	18.7	1,131	15.3
1982	28,122	378.6	16,088	216.6	4,661	62.8	2,373	32.0	1,485	20.0	1,248	16.8	1,055	14.2
1983	28,104	376.3	16,480	220.7	4,737	63.4	2,127	28.5	1,692	22.7	1,411	18.9	1,132	15.2
1984	27,460	365.6	16,662	221.8	4,609	61.4	2,099	27.9	1,959	26.1	1,415	18.8	1,032	13.7
1985	27,886	368.8	17,001	224.9	4,475	59.2	2,155	28.5	2,150	28.4	1,398	18.5	1,136	15.0
1986	27,601	362.2	17,000	223.1	4,372	57.4	2,176	28.6	2,237	29.4	1,454	19.1	1,012	13.3

NOTE: Rates are expressed as per 100,000 population.

TABLE-8 (CONTINUED)

NEW JERSEY
PRINCIPAL CAUSES OF DEATH
1940-1986

	Atherosclerosis (440)		Nephritis, Nephrotic Syndrome and Nephrosis (580-589)		Other Diseases of Arteries, Arterioles amd Capillaries (441-448)		Suicide (E950-E959)		Septicemia (038)		Bronchitis, Emphysema and Asthma (490-493)		Homicide and Legal Intervention (E960-E978)	
Year	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1940	---	----	---	---	---	----	664	15.9	---	---	---	----	69	1.7
1950	---	----	---	---	---	----	605	12.5	---	---	---	----	99	2.4
1960	---	----	---	---	---	----	486	8.0	---	---	---	----	158	2.6
1970	---	----	---	---	---	----	487	6.8	---	---	894	12.4	418	5.8
1980	813	11.0	670	9.1	642	8.7	576	7.8	---	---	551	7.5	530	7.2
1970	---	----					487	6.8			894	12.4	418	5.8
1971	803	11.0					570	7.8			827	11.3	458	6.3
1972	831	11.3					617	8.4			831	11.3	484	6.5
1973	795	10.8					609	8.3			844	11.4	523	7.1
1974	749	10.1			871	11.8	572	7.7			735	9.9	513	6.9
1975	758	10.2			810	10.0	612	8.2			664	8.9	520	7.0
1976	713	9.6			824	11.1	577	7.8			651	8.8	405	5.4
1977	645	8.8			865	11.8	643	8.7			592	8.0	414	5.6
1978	659	9.0			835	11.4	563	7.7			527	7.2	406	5.5
1979	742	10.1	529	7.2	624	8.5	572	7.8			513	7.0	400	6.7
1980	813	11.0	670	9.1	642	8.7	576	7.8			551	7.5	530	7.2
1981	619	8.4	616	8.3	602	8.1	552	7.5			551	7.4	558	7.5
1982	730	9.8	729	9.8	728	9.8	605	8.1	564	7.6	553	7.4	548	7.4
1983	765	10.2	771	10.3	689	9.2	572	7.7	665	8.9	588	7.9	447	6.0
1984	765	10.2	818	10.9	725	9.7	650	8.7	760	10.1	567	7.5	435	5.8
1985	682	9.0	788	10.4	712	9.4	672	8.9	898	11.9	607	8.0	452	6.0
1986	626	8.2	894	11.7	726	9.5	662	8.7	991	13.0	654	8.6	459	6.0

NOTE: Rates are expressed as per 100,000 population

TAB-C

Natality
1986

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Natality
1986

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CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Natality
1986

INTRODUCTION

This Natality report covers births to New Jersey residents for the calendar year 1986. Similar reports on deaths, marriages, abortions, and communicable diseases follow.

Statistics provided herein are summarized from reported birth certificate items filed with the New Jersey State Registrar. In New Jersey legislation requires that the attending physician, midwife, or person acting as midwife file a Certificate of Birth within five days of birth with the Local Registrar. Births to New Jersey residents that occurred during the calendar year in other states are recorded in the state of occurrence. All certificates are forwarded to the New Jersey State Registrar who maintains these records. Individual identifiers are removed prior to tabulation of data for statistical purposes.

STATISTICAL OVERVIEW

Number of Births

The trend in New Jersey's birth rate has paralleled closely that of the United States, although the state's rates have been consistently lower than those of the nation. In 1986, there were 108,444 resident births in New Jersey, the highest annual total since 1972. Births increased by 3.0 percent from the 1985 level of 105,329. Nationally, the number of births for 1986 reached 3,731,000. This provisional estimate reported by the National Center for Health Statistics indicates a decrease of 0.5 percent for the same period. In 1986 83,504 births in New Jersey were reported as white, 22,642 as nonwhite and 2,298 of unknown race. White births represented 77.0 percent of total births, while nonwhite births comprised 20.1 percent. White births increased 3.3 percent from the previous year; nonwhite births increased 2.3 percent.

Of the total births in the State, 1.9% or 2,094 were twins and 65 (0.1%) were triplets or even greater multiples. Single births were 97.9% of all births.

The ratio of male to female births in New Jersey for 1986 was 1,050 male to every 1,000 female births. This male/female ratio was down slightly from the 1985 level of 1,055. Between 1985 and 1986, the male/female ratio for white live births decreased slightly from 1,058 to 1,056 while nonwhites decreased from 1,053 to 1,032 (2.01%).

Birth Rate

During 1986 the birth rate in New Jersey rose 0.3 to 14.2 live births per 1,000 population. The birth rate is a measure of population increase. Once again, Camden County recorded the highest birth rate (16.5) and Bergen County the lowest (11.3). Other counties with rates above the state rate of 14.2 were: Passaic (16.1), Atlantic (16.0), Sussex (15.8), Cumberland (15.7), Hudson (15.5), and Essex, Gloucester and Warren with 15.2 percent each.

Fertility Rate

The most significant demographic factors associated with rising birth rates are the increase in the number of women aged 15-44 years and an increase in the fertility rate. The measure of the rate of childbearing in New Jersey increased slightly from last year's level of 59.2 to 60.4 in 1986. The fertility rate has fluctuated moderately since 1980 when the fertility rate was 57.4. While the fertility rate may have leveled off, one cannot lose sight of the fact that a downward trend has occurred in New Jersey over the past two decades. Since the early 1970s, the overall fertility rate has dropped by twenty-five percent.

Out-of-Wedlock Births

The incidence of out-of-wedlock births in 1986 was one of every 3.4 births. The level of births for which illegitimate status is reported appears to have stabilized for the last six years. For white women, the percentage of total births classified as illegitimate increased 0.9 of a point, while for black women an increase of 1.1 points was observed. Legitimate births to white mothers were 86.0 percent, down nearly 1 percent from 1985; for black mothers legitimate births were 36.2 percent in 1986, down from 37.3 percent in 1985. The percentages of illegitimate births attributed to whites versus nonwhites has remained about the same, 47.4% and 51.8% respectively, with the balance of 0.8% attributed to unknown groups.

Women aged 19 years old and younger gave birth to 32.3 percent of the children born out of wedlock. Seventy-eight percent of all births among women in this age group were illegitimate. In the 20-24 year old maternal age group, the illegitimate rate increased by 8.3 percent over 1985 to a level of 36.6 percent. For mothers 25 years of age and older the illegitimate rate was 10.5 percent. The 25-34 age group recorded 10.8 percent, an increase over 1985 of 0.7 percent.

NEWBORN HEALTH

Birthweight

The median weight group for newborns in New Jersey ranges between 6 lbs. 10 ozs. and 7 lbs. 11 ozs. Of total newborns during 1986, 36.4 percent were between 6 lbs. 10 oz. and 7 lbs. 11 oz. Almost two-thirds, 64.9 percent of the newborns, weighed between 6 lbs. 10 ozs. and 8 lbs. 13 ozs. The number of newborns in the median weight group has remained the same during the last decade. However, the percentage of newborns declined slightly.

The low birthweight group of newborns weigh 5 lbs. 8 ozs. (2,500 grams) or less. Of all New Jersey resident births for which weight was reported in 1986, 6.7 percent were recorded as low birthweight babies. White births weighing less than 5 lbs. 8 ozs. numbered 4,482 or 5.4 percent of all white births. Low birthweight, nonwhite births numbered 2,739 or 12.1 percent of all nonwhite births.

Statistics indicate that births to young mothers under 20 years of age are more likely to be premature with a low birthweight. A total of 1,096 or 10.7 percent of births to teenage mothers in 1986 were immature. Among nonwhite teenage mothers the percent of low birthweights was higher than for white teenage mothers. Underweight births to nonwhite teenage mothers represented 13.0 percent or 612 cases, compared to 8.9 percent or 481 cases for births to white teenage mothers.

Previous Pregnancy Terminations

The number of previous pregnancy terminations that a woman has had affects the incidence of low birthweight outcomes for subsequent pregnancies. In 1986 the incidence of low birthweight births to women with no previous pregnancy terminations was 6.4 percent. The percentage of immature births increased, however, with the number of previous terminations, as women with more than three previous terminations bore 14.2 percent low birthweight babies, an increase of 15.4 percent over 1985.

Prenatal Care

There is a positive relationship between birthweight and prenatal care. Low birthweight infants are born less frequently to women who begin prenatal care in the first trimester of pregnancy. The rate among this group was 6.0 percent, a decrease from the 6.2 percent observed in 1985. The percentage of immature births among mothers starting care during the second trimester of pregnancy was 8.4 percent, a drop of 0.2 from the 1985 percentage. Among those beginning care in the third trimester, the ratio was 8.4 percent, which was the same as last year's. Those receiving no prenatal care gave birth to low birthweight infants in 26.4 percent of the cases, up by almost one-third from the 1985 rate of 19.9 percent.

Apgar Score

The APGAR score is a composite measure used to evaluate the newborn infant's general condition. APGAR scores are given to newborns at one and five minutes after birth. Heart rate, respiratory effort, color, muscle tone, and reflexes are checked and evaluated. Each of these factors receives a score of 0, 1, or 2 and the sum of the five values is the overall score. A score of 10 is optimum. Newborns with scores less than 7 are considered distressed and are observed more closely for physical problems during the first days of life. There is a significant relationship between APGAR score and birthweight, neonatal mortality, and neurological morbidity.

Twenty-three percent of all newborns in 1986 received five-minute APGAR scores of 10. Of total births, 93.7 percent were in the 7-10 APGAR score range. Low APGAR scores for newborns of nonwhite mothers were more frequent than for newborns of white mothers. Among nonwhite births, 2.3 percent had scores less than 7. Only 1.0 percent of white births were in this low score range. Across age groups low APGAR score births were at the highest rate for mothers aged 14 years old and younger (4.4%). Low APGAR scores represented 2.0 percent of births to mothers under age 20. The percentage of newborns with low scores was 1.5 percent for mothers aged 20-44.

Low APGAR score births occurred less frequently to mothers who received prenatal care. Of births among women receiving prenatal care, 1.2 percent were in the 0 to 6 score range. Among mothers receiving no prenatal care, 6.2 percent of births were below 7.

MATERNAL CHARACTERISTICS

Age

The median age group for new mothers in 1986 was 25-29 years. Approximately one-quarter (22.5%) of all births were to women in this age group. Births to teenage mothers, 19 years and younger, accounted for 9.4 percent of the total, slightly lower than the 9.7 percent in 1985. Teenage deliveries were highest as a percentage of total births in Cumberland (19.9%), Essex (15.5%), Passaic (13.4%), and Mercer (13.1%) counties. Bergen had the lowest (2.6%) proportion of births to teenage mothers, followed by Morris (3.1%) and Somerset (3.5%). Women 35 years of age and older gave birth to 9.1 percent of the newborns, an increase of 13.8 percent over the previous two years.

Race

Of total births, 83,504 (77.0%) were reported to occur to white mothers and 22,642 (20.1%) to nonwhite mothers. This was approximately the same proportions as in the previous year. Since 1970 the proportion of total births that were nonwhite has increased slightly, while a comparable decrease has occurred for the proportion of total births that were white. In 1986 this trend reversed itself slightly (less than one percent) from the 1985 figure. Births of unknown or unrecorded race numbered 2,298 (2.1%).

Prenatal Care History

There were 1,133,648 visits for prenatal care. This level of approximately 10.5 visits per patient rose slightly and steadily from the 9.9 visits per patient in 1980. For women giving birth in 1986, 78.2 percent began prenatal care in the first trimester of their pregnancies and only 4.5 percent failed to receive care before the third trimester. Approximately 1.3 percent did not receive any prenatal care.

A greater percentage of white mothers began prenatal care in the first trimester than did nonwhite mothers, and fewer white mothers completed their pregnancies without any prenatal care. Of white mothers, 82.9 percent sought first trimester care. This was a decrease from 83.5 percent in 1985. Nonwhite mothers receiving prenatal care during the first trimester decreased from 69.1 percent in 1985 to 67.7 percent. Nonwhite mothers were nearly three times more likely not to receive any prenatal care than were white mothers (2.8 percent compared to 1.0 percent). Prenatal care for all age-race groups was lowest for nonwhite teenagers with approximately one-half (51.7%) receiving first trimester care, a slight drop from the 53.7 percent in 1985. Of nonwhite teenagers 3.9 percent did not receive any prenatal care, compared to 2.6 percent in 1985.

First trimester care was lowest for teenage mothers. Approximately one-half of the childbearing women in this age group, 5,288 (or 52.0%), received prenatal care from the first trimester of pregnancy. Of the 10,168 teenage mothers, 3.6 percent did not receive any prenatal care, and 8.9 percent did not begin prenatal care until the third trimester of pregnancy. There was a deterioration in the rate of receipt of adequate prenatal care in this age group compared to last year. Data also indicate that attention to prenatal care increases with maternal age. First trimester care was received by 71.0 percent of the women aged 20-24 and 84.1 percent of the women 25 years of age and older.

Educational Trends

Educational level was reported on 94.5 percent of all birth certificates. Three-forths (78.9%) of mothers were at least high school graduates. Although the percentage of college graduates (22.7%) increased from the 1985 level, the percentage of high school graduates was still below the 1984 level of 82.3 percent. There is an inverse relationship between family size and educational attainment of the mother. Mothers with less education are more likely to already have children when giving birth. Mothers who lack a high school diploma had no previous live births in 42.7 percent of the cases. Among those who completed high school without further education, 44.9 percent had no previous live births. Comparable figures for mothers with some college and for college graduates were 45.9 percent and 48.2 percent, respectively. This relationship becomes more pronounced when comparing mothers who had three or more live births across levels of educational attainment. Of those who earned a high school diploma, 7.2 percent had three or more live births versus 6.2 percent of mothers with some college and 3.9 percent of mothers with college degrees. Among mothers who never completed high school, 13.7 percent had 3 or more live births.

Attendant at Birth

A physician was in attendance at 97.5 percent of all resident births, while midwives attended 2.1 percent of all resident births. The steady rise in midwife attendance since 1980 resumed in 1986, following a 19.4 percent decline between 1984 and 1985. An increase of 11.2 percent occurred among nonwhite mothers assisted by midwives. Midwives attended 1,499 white births, 765 black births, and 42 births to other races.

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RESIDENT BIRTHS

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TABLE-1

NEW JERSEY
RESIDENT BIRTHS BY RACE AND LEGITIMACY
1972-1986

Year	Total Births		Race			Legitimacy					
						Legitimate		Illegitimate		Unknown	
	Number	Rate	White	Nonwhite	Unknown	Number	Ratio	Number	Ratio	Number	Ratio
1972	99,050	13.5	79,024	20,018	8	86,240	87.1	12,805	12.9	5	-
1973	94,024	12.8	74,108	19,190	726	80,493	85.6	13,526	14.4	5	-
1974	94,242	12.7	74,131	18,485	1,626	80,409	85.3	13,825	14.7	8	-
1975	91,457	12.4	71,579	18,248	1,630	77,119	84.3	14,333	15.7	5	-
1976	90,549	12.3	70,457	18,611	1,481	75,428	83.3	15,115	16.7	6	-
1977	93,786	12.7	72,944	19,249	1,593	77,258	82.4	16,524	17.6	4	-
1978	93,356	12.8	71,637	20,128	1,591	75,048	80.4	18,273	19.6	35	-
1979	95,672	13.0	73,534	20,373	1,765	76,226	79.7	19,411	20.3	35	-
1980	96,438	13.1	73,982	20,886	1,570	76,033	78.8	20,371	21.1	34	-
1981	96,205	13.0	74,086	20,416	1,703	75,872	78.9	20,297	21.1	36	-
1982	98,225	13.2	75,737	20,763	1,725	76,847	78.2	21,354	21.7	24	-
1983	98,746	13.2	76,023	20,885	1,838	77,060	78.0	21,663	21.9	23	-
1984	100,950	13.4	77,912	21,116	1,922	78,445	77.7	22,437	22.2	68	0.1
1985	105,329	13.9	80,847	22,136	2,346	81,214	77.1	23,044	21.9	1,071	1.0
1986	108,444	14.2	83,504	22,642	2,298	83,686	77.2	24,632	22.7	126	0.1

TABLE-2

RESIDENT BIRTHS BY AGE, RACE, SEX
1986

AGE OF MOTHER	TOTAL			WHITE			BLACK			OTHER			UNKNOWN		
	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
14 OR LESS	246	130	116	88	53	35	157	76	81	1	1	0	0	0	0
15	623	329	294	244	131	113	373	197	176	4	0	4	2	1	1
16	1242	654	588	555	294	261	667	349	318	17	10	7	3	1	2
17	1815	930	885	915	470	445	871	442	429	19	12	7	10	6	4
18	2709	1403	1306	1489	782	707	1188	605	583	13	3	10	19	13	6
19	3533	1834	1699	2132	1136	996	1348	675	673	32	15	17	21	8	13
20-24	24447	12626	11818	17420	8994	8424	6351	3284	3067	418	220	198	258	128	129
25-29	37200	18924	18273	30328	15491	14834	5026	2476	2550	1109	569	540	737	388	349
30-34	26737	13634	13101	22376	11427	10948	2629	1313	1316	917	490	427	815	404	410
35-39	8794	4559	4235	7138	3715	3423	970	491	479	324	178	146	362	175	187
40-44	1041	493	548	778	373	405	148	64	84	49	21	28	66	35	31
45 OR MORE	36	15	21	26	11	15	4	2	2	3	2	1	3	0	3
UNKNOWN	21	12	9	15	9	6	4	2	2	0	0	0	2	1	1
TOTAL	108444	55543	52893	83504	42886	40612	19736	9976	9760	2906	1521	1385	2298	1160	1136

T = TOTAL   M = MALE   F = FEMALE
TOTALS MAY INCLUDE BIRTHS UNKNOWN AS TO SEX

TABLE-3

RESIDENT BIRTHS BY LEGITIMACY, AND AGE OF MOTHER
1986

AGE OF MOTHER	TOTAL BIRTHS	LEGITIMATE					ILLEGITIMATE					LEGIT UNKN.
		TOTAL	WHITE	BLACK	OTHER	UNKN.	TOTAL	WHITE	BLACK	OTHER	UNKN.	
14 OR LESS	246	12	11	1	0	0	234	77	156	1	0	0
15-19	9922	2207	1890	271	31	15	7710	3442	4174	54	40	5
20-24	24447	15487	13128	1795	357	207	8940	4278	4551	61	50	20
25-34	63937	56958	49252	4288	1975	1443	6896	3398	3360	51	87	83
35-44	9835	8982	7430	786	361	405	836	474	331	12	19	17
45 OR MORE	36	29	22	1	3	3	7	4	3	0	0	0
UNKNOWN	21	11	8	1	0	2	9	6	3	0	0	1
TOTAL	108444	83686	71741	7143	2727	2075	24632	11679	12578	179	196	126

TABLE-4

RESIDENT BIRTHS -- MONTH PREGNANCY PRENATAL CARE BEGAN BY AGE OF MOTHER AND RACE 1986

AGE OF MOTHER	RACE	TOTAL	MONTH OF PREGNANCY PRENATAL CARE BEGAN										
			1	2	3	4	5	6	7	8	9	UNKN	NONE
14 OR LESS	WHITE	88	6	15	17	11	14	8	2	2	2	3	8
	BLACK	157	4	16	35	32	25	18	9	4	2	2	10
	OTHER	1	0	0	0	0	0	1	0	0	0	0	0
15-19	WHITE	5335	416	1133	1269	764	585	406	249	148	75	113	177
	BLACK	4447	326	803	1202	606	500	332	222	120	60	105	171
	OTHER	85	4	18	16	21	13	5	0	4	2	0	2
	UNKNOWN	55	2	2	4	3	5	4	2	2	0	29	2
20-24	WHITE	17420	2765	6197	4007	1511	967	589	395	245	117	349	278
	BLACK	6351	636	1593	1623	694	486	342	232	130	66	151	198
	OTHER	418	70	143	94	32	24	13	10	8	3	6	15
	UNKNOWN	258	6	20	13	3	4	1	3	2	1	201	4
25-34	WHITE	52704	11858	24731	9932	2419	1063	547	398	257	120	1095	284
	BLACK	7655	1034	2609	2043	657	410	242	157	98	52	170	183
	OTHER	2026	375	883	427	133	57	35	30	12	12	39	23
	UNKNOWN	1552	23	61	29	8	6	2	3	2	1	1416	1
35-44	WHITE	7916	1666	3672	1528	395	139	89	66	33	16	241	71
	BLACK	1118	179	390	283	100	39	30	24	8	7	38	20
	OTHER	373	79	160	81	20	8	5	3	4	1	7	5
	UNKNOWN	428	4	12	8	0	0	0	0	1	0	403	0
45 OR MORE	WHITE	26	3	10	9	1	3	0	0	0	0	0	0
	BLACK	4	2	0	0	1	0	0	0	0	0	0	1
	OTHER	3	0	3	0	0	0	0	0	0	0	0	0
	UNKNOWN	3	0	0	0	0	0	0	0	0	0	3	0
UNKNOWN	WHITE	15	0	2	2	0	0	0	0	0	0	11	0
	BLACK	4	0	2	0	0	0	0	0	1	0	1	0
	UNKNOWN	2	0	0	0	0	0	0	0	0	0	2	0
TOTAL		108444	19458	42475	22822	7411	4348	2669	1805	1081	537	4365	1453

AGE OR RACE GROUPS WITHOUT CASES DO NOT APPEAR ON TABLE

TABLE-5

RESIDENT BIRTHS -- BIRTH WEIGHT GROUPS BY AGE AND RACE

1986

AGE OF MOTHER	RACE	TOTAL BIRTHS	A	B	C	D	E	F	G	H	I	J	K
14 OR LESS	WHITE	88	0	0	7	23	31	13	8	3	1	2	0
	BLACK	157	0	0	3	28	68	36	10	4	1	7	0
	OTHER	1	0	0	0	1	0	0	0	0	0	0	0
15-19	WHITE	5335	4	44	307	1382	2172	956	299	91	41	36	3
	BLACK	4447	7	21	133	783	1742	1172	360	123	56	48	2
	OTHER	85	0	1	4	26	32	19	1	1	1	0	0
	UNKNOWN	55	0	0	1	7	9	9	1	0	1	1	26
20-24	WHITE	17420	44	255	1508	5236	6602	2721	656	194	78	85	41
	BLACK	6351	5	38	282	1188	2452	1549	501	145	92	94	5
	OTHER	418	0	2	14	92	169	111	26	0	1	1	2
	UNKNOWN	258	0	0	2	14	25	14	8	1	1	1	192
25-34	WHITE	52704	150	1064	5669	17031	19135	6966	1616	467	220	229	137
	BLACK	7655	9	79	366	1672	2860	1709	563	179	81	134	3
	OTHER	2026	5	12	112	447	858	461	89	25	10	5	2
	UNKNOWN	1552	0	1	10	50	58	21	13	3	0	2	1394
35-44	WHITE	7916	26	201	896	2524	2751	1028	280	81	44	42	43
	BLACK	1118	1	19	79	263	378	231	92	26	21	8	0
	OTHER	373	1	7	21	90	146	75	26	3	3	1	0
	UNKNOWN	428	0	2	0	10	9	6	2	0	0	0	399
45 OR MORE	WHITE	26	0	2	4	4	8	4	3	1	0	0	0
	BLACK	4	0	0	1	0	1	1	0	1	0	0	0
	OTHER	3	0	0	0	1	1	1	0	0	0	0	0
	UNKNOWN	3	0	0	0	0	0	0	0	0	0	0	3
UNKNOWN	WHITE	15	0	0	0	5	4	1	0	0	1	4	0
	BLACK	4	0	0	0	1	1	2	0	0	0	0	0
	UNKNOWN	2	0	0	0	0	0	0	0	0	0	0	2
TOTAL		108444	252	1768	9419	30878	39512	17106	4554	1348	653	700	2254

A= 11 LBS OR MORE (5001 OR MORE GRAMS)
B= 9 LBS 15 OZS-11 LBS (4501-5000 GRAMS)
C= 8 LBS 14 OZS- 9 LBS 14 OZS (4001-4500 GRAMS)
D= 7 LBS 12 OZS- 8 LBS 13 OZS (3501-4000 GRAMS)
E= 6 LBS 10 OZS- 7 LBS 11 OZS (3001-3500 GRAMS)
F= 5 LBS 9 OZS- 6 LBS 9 OZS (2501-3000 GRAMS)
G= 4 LBS 7 OZS-5 LBS 8 OZS (2001-2500 GRAMS)
H= 3 LBS 5 OZS-4 LBS 6 OZS (1501-2000 GRAMS)
I= 2 LBS 4 OZS-3 LBS 4 OZS (1001-1500 GRAMS)
J= 2 LBS 3 OZS OR LESS (1000 OR LESS GRAMS)
K= WEIGHT NOT STATED

TABLE-6

RESIDENT-BIRTHS -- APGAR SCORE BY AGE AND RACE
1986

AGE OF MOTHER	RACE	TOTAL	APGAR SCORE (5 MINUTES)											
			0	1	2	3	4	5	6	7	8	9	10	UNKN
14 OR LESS	WHITE	88	0	0	2	0	0	0	0	2	7	59	17	1
	BLACK	157	2	4	2	0	0	1	1	1	7	115	22	2
	OTHER	1	0	0	0	0	0	0	0	0	0	1	0	0
15-19	WHITE	5335	8	7	5	7	8	20	33	86	359	3563	1134	105
	BLACK	4447	15	9	7	6	13	21	35	83	336	3267	568	67
	OTHER	85	1	0	0	0	0	0	0	3	3	64	12	2
	UNKNOWN	55	0	0	0	0	0	0	0	0	2	17	4	32
20-24	WHITE	17420	16	17	12	7	29	41	76	186	940	11311	4319	466
	BLACK	6351	18	20	16	9	11	31	54	113	463	4532	989	95
	OTHER	418	1	0	0	0	1	1	1	3	16	266	124	5
	UNKNOWN	258	0	1	0	0	0	0	0	0	2	45	12	198
25-34	WHITE	52704	48	50	50	40	39	101	164	395	2356	33816	13593	2052
	BLACK	7655	17	32	13	19	22	44	53	123	542	5261	1367	162
	OTHER	2026	1	1	0	2	2	3	4	16	91	1164	699	43
	UNKNOWN	1552	0	1	1	0	0	0	0	2	12	89	34	1413
35-44	WHITE	7916	12	9	7	4	7	18	26	68	350	5009	2052	354
	BLACK	1118	6	2	1	0	4	5	12	22	72	748	221	25
	OTHER	373	0	2	0	0	1	0	1	3	21	215	117	13
	UNKNOWN	428	0	0	0	0	0	1	0	0	0	18	8	401
45 OR MORE	WHITE	26	0	0	0	0	0	0	0	0	1	16	7	2
	BLACK	4	0	0	0	0	0	0	0	0	1	2	1	0
	OTHER	3	0	0	0	0	0	0	0	0	0	1	2	0
	UNKNOWN	3	0	0	0	0	0	0	0	0	0	0	0	3
UNKNOWN	WHITE	15	2	0	0	0	0	0	0	0	1	2	1	9
	BLACK	4	0	0	0	0	0	1	0	0	0	2	0	1
	UNKNOWN	2	0	0	0	0	0	0	0	0	0	0	0	2
TOTAL		108444	147	155	116	94	137	288	460	1106	5582	69603	25303	5453

AGE OR RACE GROUPS WITHOUT CASES DO NOT APPEAR ON TABLE

TABLE-7

RESIDENT BIRTHS -- BIRTH WEIGHT, APGAR SCORE BY AGE
1986

AGE OF MOTHER	TOTAL BIRTHS	BIRTH WEIGHT			APGAR SCORE (5 MINUTES)		
		5 LBS 8 OZ (2500 GMS) OR LESS	5 LBS 9 OZ (2501 GMS) OR MORE	WEIGHT UNKNOWN	0-6	7-10	UNKN.
14 OR LESS	246	36	210	0	12	231	3
15-19	9922	1060	8831	31	195	9521	206
20-24	24447	1884	22323	240	362	23321	764
25-34	63937	3636	58765	1536	707	59560	3670
35-44	9835	629	8764	442	118	8924	793
45 OR MORE	36	5	28	3	0	31	5
UNKNOWN	21	5	14	2	3	6	12
TOTAL	108444	7255	98935	2254	1397	101594	5453

TABLE-8

RESIDENT BIRTHS -- BIRTH WEIGHT, APGAR SCORE BY RACE
1986

RACE	TOTAL BIRTHS	BIRTH WEIGHT 5 LBS 8 OZ (2500 GMS) OR LESS	5 LBS 9 OZ (2501 GMS) OR MORE	WEIGHT UNKNOWN	APGAR SCORE (5 MINUTES) 0-6	7-10	UNKN.
WHITE	83504	4482	78798	224	865	79650	2989
BLACK	19736	2546	17180	10	506	18878	352
OTHER	2906	193	2709	4	22	2821	63
UNKNOWN	2298	34	248	2016	4	245	2049
TOTAL	108444	7255	98935	2254	1397	101594	5453

TABLE-9

RESIDENT BIRTHS -- BIRTH WEIGHT, APGAR SCORE BY MONTH PRENATAL CARE BEGAN 1986

MONTH CARE BEGAN	TOTAL BIRTHS	BIRTH WEIGHT			APGAR SCORE (5 MINUTES)		
		5 LBS 8 OZ (2500 GMS) OR LESS	5 LBS 9 OZ (2501 GMS) OR MORE	WEIGHT UNKNOWN	0-6	7-10	UNKN.
1	19458	1136	18315	7	231	18750	477
2	42475	2355	40102	18	438	41113	924
3	22822	1553	21254	15	309	22042	471
4	7411	601	6805	5	118	7154	139
5	4348	379	3964	5	72	4203	73
6	2669	234	2433	2	39	2582	48
7	1805	160	1643	2	25	1734	46
8	1081	83	997	1	17	1048	16
9	537	43	493	1	9	510	18
NO CARE	1453	383	1066	4	90	1305	58
UNKNOWN	4385	328	1863	2194	49	1153	3183
TOTAL	108444	7255	98935	2254	1397	101594	5453

TABLE-10

RESIDENT BIRTHS -- BIRTH WEIGHT, APGAR SCORE BY PREVIOUS NUMBER OF PREGNANCY TERMINATIONS
1986

NUMBER OF PREVIOUS TERMINATIONS	TOTAL BIRTHS	BIRTH WEIGHT			APGAR SCORE (5 MINUTES)		
		5 LBS 8 OZ (2500 GMS) OR LESS	5 LBS 9 OZ (2501 GMS) OR MORE	WEIGHT UNKNOWN	1-6	7-10	UNKN.
0	80245	5166	75036	43	1022	78818	405
1	15988	1095	14882	11	228	15696	64
2	5034	436	4595	3	85	4927	22
3	1503	176	1327	0	41	1455	7
OVER 3	678	96	582	0	21	655	2
UNKNOWN	4996	286	2513	2197	0	43	4953
TOTAL	108444	7255	98935	2254	1397	101594	5453

TABLE-11

RESIDENT BIRTHS -- PREVIOUS NUMBER OF LIVE BIRTHS
BY AGE OF MOTHER
1986

		PREVIOUS NUMBER OF LIVE BIRTHS					
AGE OF MOTHER	TOTAL	0	1	2	3	OVER 3	UNKN.
14 OR LESS	246	232	11	2	0	0	1
15 - 19	9922	7702	1722	314	36	10	138
20 - 24	24447	13023	7267	2533	712	264	648
25 - 29	37200	16131	12206	4913	1455	733	1762
30 - 34	26737	7986	9674	4940	1584	879	1674
35 - 39	8794	1930	2762	1917	879	660	646
40 OR MORE	1077	201	230	197	139	203	107
UNKNOWN	21	6	3	0	0	0	12
TOTAL	108444	47211	33875	14816	4805	2749	4988

TABLE-12

RESIDENT BIRTHS -- PREVIOUS NUMBER OF LIVE BIRTHS BY EDUCATIONAL LEVEL OF MOTHER

1986

EDUCATIONAL LEVEL OF MOTHER	TOTAL	PREVIOUS NUMBER OF LIVE BIRTHS 0	1	2	3	OVER 3	UNKN.
A. GRAMMAR SCHOOL	3385	1242	950	587	330	276	0
B. SOME HIGH SCHOOL	13539	5985	3622	2216	965	749	2
C. HIGH SCHOOL GRADUATE	42199	18954	14009	6206	2012	1012	6
D. SOME COLLEGE	18721	8601	6251	2700	770	397	2
E. COLLEGE GRADUATE	24592	11853	8805	2978	678	277	1
F. UNKNOWN	6008	576	238	129	50	38	4977
TOTAL	108444	47211	33875	14816	4805	2749	4988

TABLE-13

RESIDENT BIRTHS -- BY RACE AND SEX
1986

COUNTY OF RESIDENCE	TOTAL			WHITE			BLACK			OTHER			UNKNOWN		
	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
ATLANTIC	3306	1731	1574	2438	1255	1182	807	441	366	49	30	19	12	5	7
BERGEN	9443	4879	4564	7827	4063	3764	452	231	221	487	243	244	677	342	335
BURLINGTON	5327	2733	2594	4403	2297	2106	801	375	426	110	54	56	13	7	6
CAMDEN	8129	4173	3954	6293	3227	3064	1694	867	827	123	66	57	19	13	6
CAPE MAY	1296	658	638	1159	586	573	125	65	60	11	6	5	1	1	0
CUMBERLAND	2136	1096	1040	1602	835	767	506	248	258	21	12	9	7	1	6
ESSEX	12831	6422	6408	5998	3068	2930	6381	3121	3260	230	130	100	222	103	118
GLOUCESTER	3200	1687	1513	2818	1493	1325	341	176	165	35	14	21	6	4	2
HUDSON	8580	4383	4196	5830	2966	2864	1808	928	880	478	242	236	464	247	216
HUNTERDON	1302	664	638	1275	651	624	9	6	3	9	2	7	9	5	4
MERCER	4482	2328	2154	3165	1632	1533	1192	626	566	95	56	39	30	14	16
MIDDLESEX	8898	4582	4316	7497	3863	3634	793	403	390	402	213	189	206	103	103
MONMOUTH	7518	3827	3691	6314	3198	3116	858	452	406	156	79	77	190	98	92
MORRIS	5354	2757	2595	4937	2534	2401	143	78	65	175	96	79	99	49	50
OCEAN	5225	2641	2584	4894	2473	2421	207	108	99	34	20	14	90	40	50
PASSAIC	7441	3842	3599	5669	2925	2744	1526	788	738	169	90	79	77	39	38
SALEM	859	450	409	649	348	301	183	89	94	9	4	5	18	9	9
SOMERSET	2950	1545	1405	2603	1371	1232	195	100	95	121	61	60	31	13	18
SUSSEX	1942	1007	935	1877	973	904	12	7	5	18	11	7	35	16	19
UNION	6673	3365	3308	4835	2419	2416	1601	818	783	150	78	72	87	50	37
WARREN	1318	659	658	1281	639	641	20	12	8	12	7	5	5	1	4
STATE INST	9	4	5	2	1	1	7	3	4	0	0	0	0	0	0
MILITARY	225	110	115	138	69	69	75	34	41	12	7	5	0	0	0
TOTAL	108444	55543	52893	83504	42886	40612	19736	9976	9760	2906	1521	1385	2298	1160	1136

T = TOTAL   M = MALE   F = FEMALE
TOTALS MAY INCLUDE BIRTHS UNKNOWN AS TO SEX

TABLE-14

RESIDENT BIRTHS -- BY LEGITIMACY AND RACE
1986

COUNTY OF RESIDENCE	TOTAL BIRTHS	LEGITIMATE					ILLEGITIMATE					LEGIT UNKN.
		TOTAL	WHITE	BLACK	OTHER	UNKN.	TOTAL	WHITE	BLACK	OTHER	UNKN.	
ATLANTIC	3306	2194	1928	218	41	7	1109	508	588	8	5	3
BERGEN	9443	8798	7419	259	475	645	634	406	193	12	23	11
BURLINGTON	5327	4362	3789	459	105	9	955	607	339	5	4	10
CAMDEN	8129	5545	4926	505	102	12	2555	1340	1187	21	7	29
CAPE MAY	1296	1015	969	38	7	1	278	187	87	4	0	3
CUMBERLAND	2136	1259	1109	136	14	0	876	492	370	7	7	1
ESSEX	12831	7325	4801	2111	213	200	5501	1193	4270	17	21	5
GLOUCESTER	3200	2577	2409	131	31	6	616	403	209	4	0	7
HUDSON	8580	5903	4440	653	425	385	2665	1387	1153	53	72	12
HUNTERDON	1302	1200	1178	6	8	8	102	97	3	1	1	0
MERCER	4482	3101	2683	298	92	28	1375	478	892	3	2	6
MIDDLESEX	8898	7781	6749	442	397	193	1112	746	351	5	10	5
MONMOUTH	7518	6327	5660	336	149	182	1185	650	521	7	7	6
MORRIS	5354	4954	4622	66	175	91	395	312	76	0	7	5
OCEAN	5225	4528	4310	100	31	87	692	579	107	3	3	5
PASSAIC	7441	5260	4556	482	152	70	2179	1112	1044	17	6	2
SALEM	859	614	544	51	7	12	241	101	132	2	6	4
SOMERSET	2950	2678	2422	111	118	27	270	181	84	3	2	2
SUSSEX	1942	1828	1768	8	18	34	114	109	4	0	1	0
UNION	6673	5110	4234	660	143	73	1557	599	939	7	12	6
WARREN	1318	1116	1091	8	12	5	198	186	12	0	0	4
STATE INST	9	3	2	1	0	0	6	0	6	0	0	0
MILITARY	225	208	132	64	12	0	17	6	11	0	0	0
TOTAL	108444	83686	71741	7143	2727	2075	24632	11679	12578	179	196	126

TABLE-15

RESIDENT BIRTHS -- BY AGE OF MOTHER
1986

COUNTY OF RESIDENCE	TOTAL	AGE OF MOTHER 14 OR LESS	15	16	17	18	19	20-24	25-29	30-34	35-39	40-44	45 OR MORE	UNK
ATLANTIC	3306	7	23	47	74	118	152	1016	1084	611	159	15	0	0
BERGEN	9443	3	8	20	34	75	108	1280	3390	3208	1172	140	5	0
BURLINGTON	5327	10	17	50	71	134	167	1308	1924	1206	392	46	1	1
CAMDEN	8129	29	84	145	202	258	340	2079	2746	1719	474	47	1	5
CAPE MAY	1296	2	2	10	23	30	60	414	420	254	73	8	0	0
CUMBERLAND	2136	17	34	58	73	136	108	745	551	310	95	9	0	0
ESSEX	12831	53	154	267	384	529	600	3352	3708	2695	957	126	4	2
GLOUCESTER	3200	6	15	33	51	86	95	842	1169	690	188	20	2	3
HUDSON	8580	14	46	121	188	251	342	2276	2845	1676	692	124	3	2
HUNTERDON	1302	0	0	5	10	12	24	173	483	441	139	15	0	0
MERCER	4482	18	50	95	104	140	181	988	1461	1064	337	40	3	1
MIDDLESEX	8898	10	24	51	87	129	222	1728	3456	2410	706	75	0	0
MONMOUTH	7518	11	35	63	85	122	211	1377	2580	2203	758	66	4	3
MORRIS	5354	3	3	17	26	38	78	757	1984	1797	591	59	0	1
OCEAN	5225	9	10	27	61	81	155	1280	1987	1198	376	39	2	0
PASSAIC	7441	26	66	113	182	290	320	1964	2413	1504	490	67	6	0
SALEM	859	4	5	19	15	35	31	305	266	145	25	9	0	0
SOMERSET	2950	4	5	9	15	30	40	393	1133	958	333	28	2	0
SUSSEX	1942	0	3	5	13	23	27	341	749	591	169	21	0	0
UNION	6673	18	34	75	102	154	227	1400	2288	1703	591	76	3	2
WARREN	1318	0	5	12	13	34	41	340	474	315	72	11	0	1
STATE INST	9	0	0	0	0	1	0	3	3	2	0	0	0	0
MILITARY	225	2	0	0	2	3	4	86	86	37	5	0	0	0
TOTAL	108444	246	623	1242	1815	2709	3533	24447	37200	26737	8794	1041	36	21

TABLE-16

RESIDENT BIRTHS -- BY MONTH PREGNANCY PRENATAL CARE BEGAN
1986

COUNTY OF RESIDENCE	NUMBER OF VISITS		NO PRE-CARE	MONTH PREGNANCY PRENATAL CARE BEGAN									
	TOTAL	UNKN		1	2	3	4	5	6	7	8	9	UNKN
Atlantic	33,151	94	70	417	939	733	394	221	156	102	66	18	190
Bergen	99,623	886	86	2,313	3,925	1,586	348	147	90	62	39	22	825
Burlington	54,040	174	44	919	2,186	1,008	394	213	146	110	56	42	209
Camden	78,930	306	160	1,218	2,668	1,847	755	472	249	170	97	40	453
Cape May	11,475	35	11	74	485	310	145	80	63	44	33	6	45
Cumberland	19,901	41	24	218	501	486	326	222	133	98	52	16	60
Essex	135,151	286	169	1,919	4,864	3,615	778	511	285	164	89	30	407
Gloucester	34,438	64	19	592	1,174	762	230	142	89	50	14	14	114
Hudson	87,125	675	153	1,741	2,945	1,385	699	462	286	187	82	34	606
Hunterdon	14,111	17	3	141	633	366	62	30	16	17	5	7	22
Mercer	49,971	96	42	696	1,959	767	309	174	139	116	88	83	109
Middlesex	99,418	271	56	1,995	3,610	1,651	556	320	212	122	79	28	269
Monmouth	81,527	258	50	1,234	3,089	2,140	349	181	93	72	34	20	256
Morris	62,331	102	23	1,067	2,997	789	187	87	39	36	22	10	97
Ocean	54,038	148	31	971	2,087	1,112	393	208	114	79	49	24	157
Passaic	69,076	137	404	1,369	2,415	1,497	594	364	236	178	137	92	155
Salem	8,173	39	9	160	292	157	55	39	29	14	9	5	90
Somerset	33,838	54	14	716	1,373	514	123	63	39	20	11	4	73
Sussex	20,672	60	12	333	1,027	346	71	38	27	22	12	5	49
Union	70,111	134	65	1,207	2,571	1,389	534	325	189	124	94	31	144
Warren	14,407	20	6	144	668	267	86	39	33	11	9	5	50
State Inst.	41	0	0	0	0	0	4	2	0	3	0	0	0
Military	2,100	4	2	14	67	95	19	8	6	4	4	1	5
Total	1,133,648	3,901	1,453	19,458	42,475	22,822	7,411	4,348	2,669	1,805	1,081	537	4,385

TABLE-17

RESIDENT BIRTHS -- BY BIRTH WEIGHT GROUPS
1986

COUNTY OF RESIDENCE	TOTAL BIRTHS	BIRTH WEIGHT GROUPS A	B	C	D	E	F	G	H	I	J	K
ATLANTIC	3306	12	53	314	927	1227	532	148	54	13	23	3
BERGEN	9443	25	161	829	2778	3283	1226	285	86	31	31	708
BURLINGTON	5327	19	90	519	1604	1953	811	190	60	33	37	11
CAMDEN	8129	22	138	744	2294	2970	1361	374	113	49	54	10
CAPE MAY	1296	5	23	155	407	444	170	55	15	14	7	1
CUMBERLAND	2136	9	29	190	597	781	379	90	23	12	25	1
ESSEX	12831	14	153	765	3124	4778	2492	783	250	126	116	230
GLOUCESTER	3200	8	69	343	950	1152	503	111	30	13	16	5
HUDSON	8580	17	84	558	2144	3136	1531	419	124	52	71	444
HUNTERDON	1302	7	33	151	460	454	143	29	9	4	6	6
MERCER	4482	9	75	399	1296	1640	688	213	58	31	47	26
MIDDLESEX	8898	18	164	822	2632	3172	1324	365	79	63	45	214
MONMOUTH	7518	12	150	704	2234	2679	1074	288	77	52	41	207
MORRIS	5354	14	113	534	1698	1958	724	180	37	13	27	56
OCEAN	5225	16	87	497	1590	1939	731	165	62	13	27	98
PASSAIC	7441	12	105	564	2046	2744	1301	353	120	61	54	81
SALEM	859	3	15	83	245	320	138	28	13	6	6	2
SOMERSET	2950	9	64	314	928	1080	369	98	29	9	16	34
SUSSEX	1942	5	45	221	614	674	253	68	10	10	10	32
UNION	6673	12	84	564	1820	2540	1153	264	83	39	32	82
WARREN	1318	4	27	128	426	496	170	38	11	7	8	3
STATE INST	9	0	0	0	1	0	3	4	1	0	0	0
MILITARY	225	0	6	21	63	92	30	6	4	2	1	0
TOTAL	108444	252	1768	9419	30878	39512	17106	4554	1348	653	700	2254

A= 11 LBS OR MORE (5001 OR MORE GRAMS)
B= 9 LBS 15 OZS-11 LBS (4501-5000 GRAMS)
C= 8 LBS 14 OZS- 9 LBS 14 OZS (4001-4500 GRAMS)
D= 7 LBS 12 OZS- 8 LBS 13 OZS (3501-4000 GRAMS)
E= 6 LBS 10 OZS- 7 LBS 11 OZS (3001-3500 GRAMS)
F= 5 LBS 9 OZS- 6 LBS 9 OZS (2501-3000 GRAMS)
G= 4 LBS 7 OZS-5 LBS 8 OZS (2001-2500 GRAMS)
H= 3 LBS 5 OZS-4 LBS 6 OZS (1501-2000 GRAMS)
I= 2 LBS 4 OZS-3 LBS 4 OZS (1001-1500 GRAMS)
J= 2 LBS 3 OZS OR LESS (1000 OR LESS GRAMS)
K= WEIGHT NOT STATED

TABLE-18

RESIDENT BIRTHS -- BY APGAR SCORE (5 MINUTES)
1986

COUNTY OF RESIDENCE	TOTAL	APGAR SCORE (5 MINUTES) 0	1	2	3	4	5	6	7	8	9	10	UNKN.
ATLANTIC	3306	0	4	12	2	7	7	19	55	201	2250	651	98
BERGEN	9443	8	11	4	5	2	9	30	53	259	3521	4732	809
BURLINGTON	5327	8	9	11	2	7	15	23	56	331	3508	937	420
CAMDEN	8129	14	16	13	14	9	21	33	93	589	5623	729	975
CAPE MAY	1296	0	0	1	1	1	1	6	4	39	394	790	59
CUMBERLAND	2136	3	3	6	3	9	15	9	23	103	1358	549	55
ESSEX	12831	24	21	17	17	15	55	75	164	756	9198	2170	319
GLOUCESTER	3200	7	3	2	4	5	11	12	31	216	2092	505	312
HUDSON	8580	7	20	6	5	9	21	22	89	274	3874	3778	475
HUNTERDON	1302	0	0	1	2	2	3	2	9	78	856	280	69
MERCER	4482	8	7	3	5	6	16	22	42	204	3158	873	138
MIDDLESEX	8898	7	14	9	8	9	13	40	80	441	6554	1447	276
MONMOUTH	7518	15	6	4	6	9	11	18	78	339	5937	749	346
MORRIS	5354	2	9	3	4	5	13	13	53	305	3396	1463	88
OCEAN	5225	10	4	3	2	6	11	17	43	223	3832	917	157
PASSAIC	7441	20	16	7	4	19	29	48	95	527	4632	1900	144
SALEM	859	2	0	0	0	1	3	3	7	22	416	177	228
SOMERSET	2950	3	2	3	1	5	8	16	24	170	2176	484	58
SUSSEX	1942	2	2	2	1	1	8	4	21	79	1108	577	137
UNION	6673	6	6	7	7	8	15	44	69	356	5072	969	114
WARREN	1318	1	2	1	1	1	3	4	13	57	478	586	171
STATE INST	9	0	0	0	0	0	0	0	0	0	0	9	0
MILITARY	225	0	0	1	0	1	0	0	4	13	170	31	5
TOTAL	108444	147	155	116	94	137	288	460	1106	5582	69603	25303	5453

TABLE-19

RESIDENT BIRTHS -- BY ATTENDANT AND RACE
1986

COUNTY OF RESIDENCE	TOTAL BIRTHS	ATTENDANT PHYSICIAN				MIDWIFE				OTHER				UNKNOWN			
		TOTAL	WHITE	BLACK	OTH	TOT	WH	BLK	OTH	TOT	WH	BLK	OTH	TOT	WH	BLK	OTH
ATLANTIC	3306	3137*	2350	729	46	163	83	78	2	2	2	0	0	4	3	0	1
BERGEN	9443	9327*	7729	444	486	75	69	6	0	7	6	1	0	34*	23	1	1
BURLINGTON	5327	5282*	4364	796	110	23	21	2	0	6	5	1	0	16*	13	2	0
CAMDEN	8129	8065*	6248	1679	120	35	30	3	2	14*	4	8	1	15	11	4	0
CAPE MAY	1296	1274*	1139	123	11	16	16	0	0	5	4	1	0	1	0	1	0
CUMBERLAND	2136	1810*	1354	429	20	322	244	77	1	0	0	0	0	4	4	0	0
ESSEX	12831	12501*	5915	6148	225	275	60	211	4	33*	13	17	1	22*	10	5	0
GLOUCESTER	3200	3144*	2771	332	35	46	41	5	0	3	1	2	0	7	5	2	0
HUDSON	8580	7977*	5477	1593	461	586*	348	212	16	3	1	2	0	14*	4	1	1
HUNTERDON	1302	1279*	1252	9	9	16	16	0	0	4	4	0	0	3	3	0	0
MERCER	4482	4251*	3064	1067	90	215	92	119	4	12	5	6	1	4	4	0	0
MIDDLESEX	8898	8835*	7443	789	402	27	26	1	0	11	10	1	0	25*	18	2	0
MONMOUTH	7518	7471*	6280	850	156	13	12	1	0	14*	6	7	0	20*	16	0	0
MORRIS	5354	5109*	4712	131	169	214*	198	8	6	6	6	0	0	25	21	4	0
OCEAN	5225	5187*	4858	207	34	20	20	0	0	11	11	0	0	7*	5	0	0
PASSAIC	7441	7346*	5602	1506	165	49	37	10	2	35*	24	8	2	11*	6	2	0
SALEM	859	835*	626	182	9	21	20	1	0	0	0	0	0	3	3	0	0
SOMERSET	2950	2909*	2567	194	120	25*	24	0	0	7*	6	0	0	9*	6	1	1
SUSSEX	1942	1881*	1819	12	16	57	55	0	2	3	3	0	0	1*	0	0	0
UNION	6673	6534*	4740	1565	147	107*	73	30	3	9*	5	3	0	23*	17	3	0
WARREN	1318	1304*	1268	19	12	14	13	1	0	0	0	0	0	0	0	0	0
STATE INST	9	9	2	7	0	0	0	0	0	0	0	0	0	0	0	0	0
MILITARY	225	222	137	73	12	1	1	0	0	0	0	0	0	2	0	2	0
TOTAL	108444	105689	81717	18884	2855	2320	1499	765	42	185	116	57	5	250	172	30	4

* TOTAL INCLUDES BIRTHS UNKNOWN AS TO RACE

TABLE-20

RESIDENT BIRTHS BY MONTH
1986

COUNTY OF RESIDENCE	TOTAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	UNKN
ATLANTIC	3306	278	272	285	262	275	263	277	308	296	251	260	279	0
BERGEN	9443	741	691	816	787	811	806	845	794	829	759	837	727	0
BURLINGTON	5327	451	384	475	422	457	403	489	500	483	458	386	419	0
CAMDEN	8129	673	594	674	645	701	645	742	752	748	647	601	707	0
CAPE MAY	1296	93	116	110	99	113	115	109	113	116	97	87	128	0
CUMBERLAND	2136	167	173	163	156	166	156	219	195	202	188	167	184	0
ESSEX	12831	1047	934	1063	1074	1052	1007	1170	1137	1137	1102	1019	1089	0
GLOUCESTER	3200	246	234	286	270	253	251	268	298	329	286	241	238	0
HUDSON	8580	748	634	707	664	685	739	806	752	754	652	710	729	0
HUNTERDON	1302	109	96	98	99	121	112	124	115	114	102	107	105	0
MERCER	4482	355	357	406	360	348	364	399	390	391	390	344	378	0
MIDDLESEX	8898	705	686	754	731	790	741	769	804	752	764	691	711	0
MONMOUTH	7518	599	565	639	616	664	592	636	642	611	684	596	674	0
MORRIS	5354	371	405	464	501	492	439	453	472	471	462	407	417	0
OCEAN	5225	435	393	432	417	435	456	478	435	465	458	408	413	0
PASSAIC	7441	599	533	607	534	626	633	675	634	674	672	579	625	0
SALEM	859	75	61	88	65	63	68	76	58	77	84	73	71	0
SOMERSET	2950	228	205	256	250	237	250	286	239	255	290	229	225	0
SUSSEX	1942	155	123	158	151	179	194	179	156	165	163	145	174	0
UNION	6673	532	487	548	542	590	554	559	573	618	581	541	548	0
WARREN	1318	88	99	113	95	116	123	116	115	118	123	93	119	0
STATE INST	9	0	0	0	0	0	0	2	4	0	3	0	0	0
MILITARY	225	16	23	16	51	4	37	20	22	1	2	24	9	0
TOTAL	103444	8711	8065	9158	8841	9178	8948	9697	9508	9606	9218	8545	8969	0

TABLE-21

RESIDENT BIRTHS BY PLURALITY
1986

COUNTY OF RESIDENCE	TOTAL	SINGLE	TWIN	TRIPLETS AND OTHER	UNKNOWN
ATLANTIC	3306	3236	66	3	1
BERGEN	9443	9233	177	9	24
BURLINGTON	5327	5207	112	2	6
CAMDEN	8129	7978	142	3	6
CAPE MAY	1296	1256	37	3	0
CUMBERLAND	2136	2094	41	0	1
ESSEX	12831	12530	282	6	13
GLOUCESTER	3200	3147	51	0	2
HUDSON	8580	8428	133	6	13
HUNTERDON	1302	1267	31	3	1
MERCER	4482	4398	81	3	0
MIDDLESEX	8898	8705	174	11	8
MONMOUTH	7518	7346	155	6	11
MORRIS	5354	5237	111	3	3
OCEAN	5225	5130	93	0	2
PASSAIC	7441	7290	143	0	8
SALEM	859	843	14	0	2
SOMERSET	2950	2894	51	3	2
SUSSEX	1942	1891	46	4	1
UNION	6673	6544	123	0	6
WARREN	1318	1290	27	0	1
STATE INST	9	7	2	0	0
MILITARY	225	222	2	0	1
TOTAL	108444	106173	2094	65	112

TABLE-22

RESIDENT BIRTHS -- SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE 1986

ATLANTIC COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
ABSECON CITY	134	74	60	0	117	8	8	1	115	19	0
ATLANTIC CITY	765	413	352	0	256	482	22	5	232	533	0
BRIGANTINE CITY	142	70	72	0	135	6	1	0	114	28	0
BUENA BORO	63	35	27	1	58	5	0	0	41	21	1
BUENA VISTA TWP	68	42	26	0	51	15	2	0	40	28	0
CORBIN CITY	8	2	6	0	8	0	0	0	7	1	0
EGG HARBOR CITY	88	47	41	0	70	17	0	1	57	31	0
EGG HARBOR TWP	322	165	157	0	287	30	5	0	266	56	0
ESTELL MANOR CITY	15	11	4	0	15	0	0	0	13	2	0
FOLSOM BORO	10	2	8	0	10	0	0	0	10	0	0
GALLOWAY TWP	225	111	114	0	212	11	2	0	197	28	0
HAMILTON TWP	293	161	132	0	258	33	2	0	232	60	1
HAMMONTON TOWN	207	102	105	0	197	7	0	3	167	40	0
LINWOOD CITY	83	44	39	0	83	0	0	0	73	10	0
LONGPORT BORO	5	4	1	0	4	0	0	1	5	0	0
MARGATE CITY	69	35	34	0	69	0	0	0	58	11	0
MULLICA TWP	45	20	25	0	41	4	0	0	33	11	1
NORTHFIELD CITY	82	46	36	0	81	1	0	0	76	6	0
PLEASANTVILLE CITY	316	173	143	0	142	171	3	0	158	158	0
PORT REPUBLIC CITY	10	2	8	0	9	0	1	0	10	0	0
SOMERS POINT CITY	198	98	100	0	185	11	2	0	157	41	0
VENTNOR CITY	134	64	70	0	127	5	1	1	113	21	0
WEYMOUTH TWP	24	10	14	0	23	1	0	0	20	4	0
*TOTAL ATLANTIC	3306	1731	1574	1	2438	807	49	12	2194	1109	3

BERGEN COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
ALLENDALE BORO	63	30	33	0	58	0	0	5	61	2	0
ALPINE BORO	21	11	10	0	15	0	2	4	20	1	0
BERGENFIELD BORO	295	145	150	0	247	15	13	20	274	19	2
BOGOTA BORO	89	52	37	0	83	1	3	2	81	8	0
CARLSTADT BORO	70	31	39	0	63	1	5	1	65	5	0
CLIFFSIDE PARK BORO	225	116	109	0	168	5	21	31	204	20	1
CLOSTER BORO	72	35	37	0	55	2	3	12	71	1	0
CRESSKILL BORO	65	32	33	0	54	0	5	6	60	5	0
DEMAREST BORO	37	19	18	0	24	0	3	10	36	1	0
DUMONT BORO	222	104	118	0	199	4	10	9	208	14	0
EAST RUTHERFORD BORO	121	54	67	0	109	2	7	3	114	6	1
EDGEWATER BORO	70	36	34	0	43	1	6	20	66	4	0
ELMWOOD PARK BORO	175	96	79	0	159	5	7	4	165	10	0
EMERSON BORO	69	36	33	0	63	0	4	2	67	2	0
ENGLEWOOD CITY	310	165	145	0	130	122	17	41	225	85	0
ENGLEWOOD CLIFFS BORO	45	24	21	0	23	1	4	17	44	1	0
FAIR LAWN BORO	256	138	118	0	237	0	7	12	248	8	0
FAIRVIEW BORO	160	90	70	0	143	1	9	7	151	9	0
FORT LEE BORO	317	142	175	0	173	2	54	88	308	8	1
FRANKLIN LAKES BORO	72	34	38	0	63	0	5	4	70	2	0
GARFIELD CITY	408	218	190	0	392	7	5	4	377	30	1
GLEN ROCK BORO	148	83	65	0	126	2	7	13	142	6	0
HACKENSACK CITY	482	241	241	0	321	126	19	16	385	97	0
HARRINGTON PARK BORO	52	33	19	0	43	0	3	6	50	2	0
HASBROUCK HEIGHTS BORO	131	65	66	0	121	0	7	3	124	7	0
HAWORTH BORO	34	20	14	0	27	0	1	6	33	1	0
HILLSDALE BORO	117	60	57	0	107	1	1	8	115	2	0
HOHOKUS BORO	47	28	19	0	45	0	2	0	46	1	0
LEONIA BORO	86	43	43	0	59	3	13	11	84	2	0
LITTLE FERRY BORO	131	70	61	0	101	6	14	10	124	7	0
LODI BORO	351	204	147	0	317	14	14	6	313	38	0

TABLE-22 (CONTINUED)
1986

BERGEN COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
LYNDHURST TWP	235	117	118	0	222	1	6	6	227	8	0
MAHWAH TWP	166	89	77	0	147	3	7	9	157	9	0
MAYWOOD BORO	112	51	61	0	104	1	2	5	107	5	0
MIDLAND PARK BORO	93	46	47	0	90	0	2	1	92	1	0
MONTVALE BORO	73	37	36	0	71	0	0	2	72	1	0
MOONACHIE BORO	32	20	12	0	31	0	1	0	32	0	0
NEW MILFORD BORO	185	96	89	0	165	4	4	12	174	11	0
NORTH ARLINGTON BORO	149	83	66	0	144	0	5	0	142	7	0
NORTHVALE BORO	40	24	16	0	38	0	1	1	38	2	0
NORWOOD BORO	61	31	30	0	46	0	8	7	60	1	0
OAKLAND BORO	171	85	86	0	164	0	3	4	163	8	0
OLD TAPPAN BORO	32	22	10	0	29	0	0	3	32	0	0
ORADELL BORO	80	43	37	0	69	0	6	5	77	3	0
PALISADES PARK BORO	176	90	86	0	125	3	36	12	167	9	0
PARAMUS BORO	235	130	105	0	198	0	20	17	228	6	1
PARK RIDGE BORO	97	58	39	0	93	0	2	2	95	2	0
RAMSEY BORO	152	82	70	0	138	2	5	7	142	10	0
RIDGEFIELD BORO	137	62	75	0	116	1	4	16	135	2	0
RIDGEFIELD PARK TWP	95	49	46	0	89	1	4	1	87	8	0
RIDGEWOOD VIL	225	111	114	0	204	5	10	6	214	11	0
RIVER EDGE BORO	113	57	56	0	99	0	5	9	109	4	0
RIVER VALE TWP	120	66	54	0	100	2	7	11	114	6	0
ROCHELLE PARK TWP	112	60	52	0	103	2	3	4	105	7	0
ROCKLEIGH BORO	3	1	2	0	1	0	1	1	3	0	0
RUTHERFORD BORO	186	96	90	0	161	2	15	8	182	4	0
SADDLE BROOK TWP	141	74	67	0	135	1	4	1	132	9	0
SADDLE RIVER BORO	18	9	9	0	16	0	0	2	18	0	0
SOUTH HACKENSACK TWP	21	9	12	0	21	0	0	0	20	1	0
TEANECK TWP	451	221	230	0	257	86	21	87	398	51	2
TENAFLY BORO	107	50	57	0	74	3	8	22	100	7	0
TETERBORO BORO	1	1	0	0	1	0	0	0	1	0	0

TABLE-22 (CONTINUED)
1986

BERGEN COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
UPPER SADDLE RIVER BORO	66	34	32	0	53	2	3	8	62	4	0
WALDWICK BORO	152	81	71	0	143	1	5	3	148	4	0
WALLINGTON BORO	129	74	55	0	122	4	3	0	119	10	0
WASHINGTON TWP	106	55	51	0	93	0	7	6	103	3	0
WESTWOOD BORO	133	57	76	0	119	6	4	4	124	9	0
WOOD-RIDGE BORO	77	39	38	0	73	1	1	2	74	3	0
WOODCLIFF LAKE BORO	64	29	35	0	55	0	1	8	62	1	1
WYCKOFF TWP	156	85	71	0	150	0	2	4	152	3	1
*TOTAL BERGEN	9443	4879	4564	0	7827	452	487	677	8798	634	11

TABLE-22 (CONTINUED)
1986

BURLINGTON COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BASS RIVER TWP	25	10	15	0	25	0	0	0	20	5	0
BEVERLY CITY	85	46	39	0	74	9	2	0	68	17	0
BORDENTOWN CITY	70	39	31	0	60	8	1	1	56	14	0
BORDENTOWN TWP	84	44	40	0	77	7	0	0	70	13	1
BURLINGTON CITY	190	89	101	0	134	55	1	0	124	65	1
BURLINGTON TWP	174	94	80	0	127	42	5	0	131	43	0
CHESTERFIELD TWP	18	11	7	0	16	2	0	0	17	1	0
CINNAMINSON TWP	145	74	71	0	127	13	4	1	119	24	2
DELANCO TWP	49	23	26	0	49	0	0	0	40	9	0
DELRAN TWP	159	79	80	0	142	16	1	0	140	19	0
EASTAMPTON TWP	43	19	24	0	35	4	4	0	35	8	0
EDGEWATER PARK TWP	123	62	61	0	101	17	5	0	88	34	1
EVESHAM TWP	479	247	232	0	459	10	8	2	452	26	1
FIELDSBORO BORO	6	1	5	0	4	2	0	0	6	0	0
FLORENCE TWP	130	62	68	0	121	6	3	0	111	19	0
HAINESPORT TWP	44	22	22	0	40	3	1	0	36	8	0
LUMBERTON TWP	71	32	39	0	63	8	0	0	54	17	0
MANSFIELD TWP	42	22	20	0	41	1	0	0	36	6	0
MAPLE SHADE TWP	289	154	135	0	256	22	10	1	244	43	2
MEDFORD LAKES BORO	32	15	17	0	32	0	0	0	30	2	0
MEDFORD TWP	258	128	130	0	256	1	1	0	242	16	0
MOORESTOWN TWP	146	79	67	0	136	8	1	1	130	15	1
MOUNT HOLLY TWP	267	156	111	0	221	41	4	1	174	92	1
MOUNT LAUREL TWP	275	144	131	0	255	11	8	1	253	22	0
NEW HANOVER TWP	223	107	116	0	139	74	9	1	204	19	0
NORTH HANOVER TWP	112	55	57	0	84	26	2	0	107	5	0
PALMYRA BORO	105	53	52	0	94	11	0	0	89	16	0
PEMBERTON BORO	163	80	83	0	122	38	3	0	114	49	0
PEMBERTON TWP	391	226	165	0	306	72	11	2	275	116	0
RIVERSIDE TWP	146	78	68	0	140	4	2	0	124	22	0
RIVERTON BORO	36	18	18	0	34	2	0	0	32	4	0

TABLE-22 (CONTINUED)
1986

BURLINGTON COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
SHAMONG TWP	57	33	24	0	54	2	1	0	52	5	0
SOUTHAMPTON TWP	116	59	57	0	115	1	0	0	103	13	0
SPRINGFIELD TWP	20	12	8	0	20	0	0	0	16	4	0
TABERNACLE TWP	80	28	52	0	77	3	0	0	77	3	0
WASHINGTON TWP	11	8	3	0	11	0	0	0	8	3	0
WESTAMPTON TWP	89	43	46	0	75	9	5	0	82	7	0
WILLINGBORO TWP	509	250	259	0	230	264	13	2	346	163	0
WOODLAND TWP	18	6	12	0	18	0	0	0	15	3	0
WRIGHTSTOWN BORO	47	25	22	0	33	9	5	0	42	5	0
*TOTAL BURLINGTON	5327	2733	2594	0	4403	801	110	13	4362	955	10

TABLE-22 (CONTINUED)
1986

CAMDEN COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
AUDUBON BORO	160	76	84	0	159	0	1	0	145	14	1
AUDUBON PARK BORO	8	1	7	0	8	0	0	0	7	1	0
BARRINGTON BORO	68	32	36	0	68	0	0	0	60	8	0
BELLMAWR BORO	155	80	75	0	147	4	4	0	130	24	1
BERLIN BORO	199	109	90	0	183	14	2	0	163	35	1
BERLIN TWP	47	19	28	0	46	1	0	0	38	8	1
BROOKLAWN BORO	23	13	10	0	23	0	0	0	19	4	0
CAMDEN CITY	2328	1160	1167	1	1023	1268	28	9	674	1651	3
CHERRY HILL TWP	790	408	381	1	736	22	29	3	739	49	2
CHESILHURST BORO	29	14	15	0	6	23	0	0	16	13	0
CLEMENTON BORO	161	79	82	0	149	12	0	0	126	34	1
COLLINGSWOOD BORO	202	115	87	0	198	1	2	1	171	31	0
GIBBSBORO BORO	31	17	14	0	30	0	1	0	29	2	0
GLOUCESTER CITY	219	110	109	0	209	7	2	1	159	59	1
GLOUCESTER TWP	661	348	313	0	627	23	11	0	553	103	5
HADDON HEIGHTS BORO	102	43	59	0	101	0	1	0	95	7	0
HADDON TWP	186	98	88	0	185	0	0	1	170	13	3
HADDONFIELD BORO	119	58	61	0	118	1	0	0	115	3	1
HI-NELLA BORO	27	13	14	0	26	1	0	0	21	6	0
LAUREL SPRINGS BORO	39	17	22	0	36	3	0	0	33	6	0
LAWNSIDE BORO	28	19	9	0	3	25	0	0	8	20	0
LINDENWOLD BORO	356	198	158	0	303	47	5	1	275	81	0
MAGNOLIA BORO	91	45	46	0	81	10	0	0	69	21	1
MERCHANTVILLE BORO	61	29	32	0	59	1	1	0	53	8	0
MOUNT EPHRAIM BORO	69	30	39	0	69	0	0	0	63	6	0
OAKLYN BORO	76	38	38	0	76	0	0	0	64	12	0
PENNSAUKEN TWP	479	249	230	0	392	80	6	1	370	103	6
PINE HILL BORO	157	86	71	0	140	15	2	0	127	30	0
RUNNEMEDE BORO	98	58	40	0	92	1	5	0	81	17	0
SOMERDALE BORO	92	48	44	0	79	11	2	0	69	23	0
STRATFORD BORO	104	57	47	0	99	5	0	0	87	17	0

TABLE-22 (CONTINUED)
1986

CAMDEN COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
VOORHEES TWP	288	144	144	0	250	20	16	2	269	18	1
WATERFORD TWP	158	79	79	0	137	21	0	0	121	37	0
WINSLOW TWP	472	257	215	0	391	78	3	0	390	82	0
WOOD-LYNNE BORO	46	26	20	0	44	0	2	0	36	9	1
*TOTAL CAMDEN	8129	4173	3954	2	6293	1694	123	19	5545	2555	29

TABLE-22 (CONTINUED)
1986

CAPE MAY COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
AVALON BORO	15	7	8	0	15	0	0	0	13	2	0
CAPE MAY CITY	78	39	39	0	68	10	0	0	68	10	0
CAPE MAY POINT BORO	3	1	2	0	3	0	0	0	3	0	0
DENNIS TWP	67	29	38	0	65	2	0	0	61	6	0
LOWER TWP	273	145	128	0	267	1	4	1	227	46	0
MIDDLE TWP	230	120	110	0	181	46	3	0	172	57	1
NORTH WILDWOOD CITY	50	23	27	0	49	0	1	0	38	12	0
OCEAN CITY	181	95	86	0	169	11	1	0	144	35	2
SEA ISLE CITY	32	17	15	0	32	0	0	0	28	4	0
STONE HARBOR BORO	7	2	5	0	7	0	0	0	7	0	0
UPPER TWP	139	70	69	0	139	0	0	0	129	10	0
WEST CAPE MAY BORO	18	10	8	0	16	2	0	0	14	4	0
WEST WILDWOOD BORO	10	4	6	0	9	1	0	0	7	3	0
WILDWOOD CITY	106	49	57	0	73	31	2	0	45	61	0
WILDWOOD CREST BORO	35	18	17	0	34	1	0	0	29	6	0
WOODBINE BORO	52	29	23	0	32	20	0	0	30	22	0
*TOTAL CAPE MAY	1296	658	638	0	1159	125	11	1	1015	278	3

TABLE-22 (CONTINUED)
1986

CUMBERLAND COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BRIDGETON CITY	449	234	215	0	245	198	4	2	198	251	0
COMMERCIAL TWP	70	30	40	0	41	28	1	0	37	33	0
DEERFIELD TWP	34	15	19	0	30	4	0	0	24	10	0
DOWNE TWP	36	14	22	0	34	2	0	0	23	13	0
FAIRFIELD TWP	86	42	44	0	39	45	2	0	37	49	0
GREENWICH TWP	13	9	4	0	7	6	0	0	7	6	0
HOPEWELL TWP	40	22	18	0	32	8	0	0	24	16	0
LAWRENCE TWP	28	16	12	0	17	11	0	0	19	9	0
MAURICE RIVER TWP	48	18	30	0	45	3	0	0	31	17	0
MILLVILLE CITY	428	219	209	0	372	55	1	0	275	153	0
SHILOH BORO	6	4	2	0	6	0	0	0	5	1	0
STOW CREEK TWP	17	12	5	0	14	2	1	0	14	3	0
UPPER DEERFIELD TWP	82	36	46	0	63	17	2	0	50	32	0
VINELAND CITY	799	425	374	0	657	127	10	5	515	283	1
*TOTAL CUMBERLAND	2136	1096	1040	0	1602	506	21	7	1259	876	1

TABLE-22 (CONTINUED)
1986

ESSEX COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BELLEVILLE TOWN	460	232	227	1	407	34	14	5	422	37	1
BLOOMFIELD TOWN	574	290	284	0	515	26	16	17	537	37	0
CALDWELL BORO	74	40	34	0	65	0	4	5	74	0	0
CEDAR GROVE TWP	101	55	46	0	92	2	6	1	95	6	0
EAST ORANGE CITY	1481	722	759	0	102	1359	10	10	605	876	0
ESSEX FELLS BORO	27	13	14	0	24	1	0	2	25	2	0
FAIRFIELD BORO	80	40	40	0	78	1	0	1	76	4	0
GLEN RIDGE BORO	98	43	55	0	84	2	2	10	94	4	0
IRVINGTON TOWN	1099	549	550	0	290	779	15	15	562	537	0
LIVINGSTON TWP	234	108	126	0	207	7	13	7	231	3	0
MAPLEWOOD TWP	301	153	148	0	253	21	5	22	287	14	0
MILLBURN TWP	183	86	97	0	154	1	10	18	178	5	0
MONTCLAIR TOWN	448	217	231	0	280	121	13	34	374	74	0
NEWARK CITY	5782	2898	2884	0	2166	3523	66	27	2199	3583	0
NORTH CALDWELL BORO	56	31	25	0	54	0	0	2	55	1	0
NUTLEY TOWN	311	172	139	0	286	5	12	8	302	8	1
ORANGE CITY	573	275	298	0	134	426	11	2	311	260	2
ROSELAND BORO	49	28	21	0	45	1	3	0	48	1	0
SOUTH ORANGE VIL	173	94	79	0	117	39	6	11	158	15	0
VERONA BORO	130	63	67	0	124	0	3	3	127	3	0
WEST CALDWELL BORO	123	60	63	0	117	1	3	2	122	1	0
WEST ORANGE TOWN	474	253	221	0	404	32	18	20	443	30	1
*TOTAL ESSEX	12831	6422	6408	1	5998	6381	230	222	7325	5501	5

TABLE-22 (CONTINUED)
1986

GLOUCESTER COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
CLAYTON BORO	84	36	48	0	75	9	0	0	66	18	0
DEPTFORD TWP	277	139	138	0	251	21	3	2	215	62	0
EAST GREENWICH TWP	63	34	29	0	62	1	0	0	57	6	0
ELK TWP	41	22	19	0	33	7	1	0	32	9	0
FRANKLIN TWP	212	110	102	0	187	24	1	0	159	53	0
GLASSBORO BORO	209	114	95	0	142	64	3	0	143	66	0
GREENWICH TWP	56	33	23	0	52	4	0	0	45	11	0
HARRISON TWP	78	43	35	0	73	4	1	0	71	7	0
LOGAN TWP	70	42	28	0	61	7	2	0	67	2	1
MANTUA TWP	234	121	113	0	220	8	5	1	209	24	1
MONROE TWP	364	180	184	0	314	47	3	0	297	67	0
NATIONAL PARK BORO	47	28	19	0	47	0	0	0	39	8	0
NEWFIELD BORO	81	46	35	0	72	9	0	0	60	21	0
PAULSBORO BORO	134	71	63	0	90	43	0	1	66	68	0
PITMAN BORO	143	74	69	0	141	2	0	0	122	21	0
SOUTH HARRISON TWP	9	6	3	0	9	0	0	0	8	1	0
SWEDESBORO BORO	77	46	31	0	66	11	0	0	63	12	2
WASHINGTON TWP	382	207	175	0	359	13	10	0	348	32	2
WENONAH BORO	48	29	19	0	47	1	0	0	43	5	0
WEST DEPTFORD TWP	190	101	89	0	180	8	2	0	166	24	0
WESTVILLE BORO	123	51	72	0	112	10	1	0	99	24	0
WOODBURY CITY	224	125	99	0	174	45	3	2	158	65	1
WOODBURY HEIGHTS BORO	41	21	20	0	40	1	0	0	34	7	0
WOOLWICH TWP	13	8	5	0	11	2	0	0	10	3	0
*TOTAL GLOUCESTER	3200	1687	1513	0	2818	341	35	6	2577	616	7

TABLE-22 (CONTINUED)
1986

HUDSON COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BAYONNE CITY	765	389	376	0	664	49	16	36	654	110	1
EAST NEWARK BORO	35	11	24	0	34	0	0	1	31	4	0
GUTTENBERG TOWN	119	57	62	0	89	1	7	22	106	13	0
HARRISON TOWN	173	90	83	0	147	4	17	5	151	22	0
HOBOKEN CITY	460	229	231	0	282	97	23	58	302	156	2
JERSEY CITY	4036	2070	1966	0	2034	1538	295	169	2237	1794	5
KEARNY TOWN	446	240	206	0	416	9	17	4	404	42	0
NORTH BERGEN TWP	664	337	327	0	557	22	34	51	572	91	1
SECAUCUS TOWN	153	90	63	0	124	3	10	16	143	10	0
UNION CITY	1002	501	500	1	859	48	37	58	741	259	2
WEEHAWKEN TWP	177	93	84	0	150	7	4	16	139	38	0
WEST NEW YORK TOWN	550	276	274	0	474	30	18	28	423	126	1
*TOTAL HUDSON	8580	4383	4196	1	5830	1808	478	464	5903	2665	12

TABLE-22 (CONTINUED)
1986

HUNTERDON COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
ALEXANDRIA TWP	68	38	30	0	66	1	0	1	67	1	0
BETHELEM TWP	39	26	13	0	36	1	1	1	37	2	0
BLOOMSBURY BORO	25	9	16	0	25	0	0	0	22	3	0
CALIFON BORO	24	13	11	0	24	0	0	0	23	1	0
CLINTON TOWN	32	19	13	0	29	2	0	1	24	8	0
CLINTON TWP	112	57	55	0	110	1	1	0	108	4	0
DELAWARE TWP	54	26	28	0	54	0	0	0	50	4	0
EAST AMWELL TWP	59	29	30	0	59	0	0	0	55	4	0
FLEMINGTON BORO	57	31	26	0	55	0	1	1	53	4	0
FRANKLIN TWP	32	20	12	0	32	0	0	0	28	4	0
FRENCHTOWN BORO	27	13	14	0	27	0	0	0	23	4	0
GLEN GARDNER BORO	29	15	14	0	28	0	0	1	23	6	0
HAMPTON BORO	29	15	14	0	28	0	0	1	20	9	0
HIGH BRIDGE BORO	69	34	35	0	69	0	0	0	66	3	0
HOLLAND TWP	52	32	20	0	52	0	0	0	46	6	0
KINGWOOD TWP	36	21	15	0	36	0	0	0	35	1	0
LAMBERTVILLE CITY	68	36	32	0	66	2	0	0	59	9	0
LEBANON BORO	13	9	4	0	13	0	0	0	11	2	0
LEBANON TWP	59	24	35	0	57	0	0	2	53	6	0
MILFORD BORO	24	11	13	0	24	0	0	0	22	2	0
RARITAN TWP	161	80	81	0	157	1	3	0	150	11	0
READINGTON TWP	131	64	67	0	126	1	3	1	125	6	0
STOCKTON BORO	12	3	9	0	12	0	0	0	12	0	0
TEWKSBURY TWP	37	17	20	0	37	0	0	0	37	0	0
UNION TWP	31	11	20	0	31	0	0	0	30	1	0
WEST AMWELL TWP	22	11	11	0	22	0	0	0	21	1	0
*TOTAL HUNTERDON	1302	664	638	0	1275	9	9	9	1200	102	0

TABLE-22 (CONTINUED)
1986

MERCER COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
EAST WINDSOR TWP	219	109	110	0	190	18	8	3	206	13	0
EWING TWP	371	179	192	0	308	54	8	1	329	42	0
HAMILTON TWP	1032	553	479	0	941	61	24	6	922	108	2
HIGHTSTOWN BORO	69	38	31	0	62	7	0	0	56	13	0
HOPEWELL BORO	29	15	14	0	29	0	0	0	26	3	0
HOPEWELL TWP	121	67	54	0	119	0	1	1	114	7	0
LAWRENCE TWP	269	142	127	0	237	22	7	3	246	22	1
PENNINGTON BORO	31	15	16	0	30	0	0	1	29	2	0
PRINCETON BORO	119	46	73	0	89	18	6	6	103	16	0
PRINCETON TWP	105	52	53	0	85	6	10	4	97	8	0
TRENTON CITY	1954	1025	929	0	925	1005	21	3	819	1132	3
WASHINGTON TWP	58	36	22	0	57	0	1	0	53	5	0
WEST WINDSOR TWP	105	51	54	0	93	1	9	2	101	4	0
*TOTAL MERCER	4482	2328	2154	0	3165	1192	95	30	3101	1375	6

TABLE-22 (CONTINUED)
1986

MIDDLESEX COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
CARTERET BORO	269	137	132	0	245	16	7	1	222	47	0
CRANBURY TWP	66	31	35	0	63	0	3	0	61	5	0
DUNELLEN BORO	98	47	51	0	97	0	1	0	90	8	0
EAST BRUNSWICK TWP	513	256	257	0	428	28	30	27	491	22	0
EDISON TWP	1256	637	619	0	1020	66	128	42	1179	74	3
HELMETTA BORO	19	10	9	0	19	0	0	0	17	2	0
HIGHLAND PARK BORO	176	86	90	0	138	31	5	2	151	25	0
JAMESBURG BORO	95	51	44	0	89	5	0	1	81	14	0
METUCHEN BORO	190	102	88	0	166	8	11	5	177	13	0
MIDDLESEX BORO	195	98	97	0	185	6	3	1	178	17	0
MILLTOWN BORO	119	60	59	0	118	0	1	0	110	9	0
MONROE TWP	191	100	91	0	178	7	5	1	177	13	1
NEW BRUNSWICK CITY	648	337	311	0	359	272	16	1	373	275	0
NORTH BRUNSWICK TWP	318	172	146	0	263	38	11	6	298	20	0
OLD BRIDGE TWP	645	338	307	0	574	21	21	29	603	42	0
PERTH AMBOY CITY	741	371	370	0	662	70	5	4	489	252	0
PISCATAWAY TWP	597	313	284	0	404	112	71	10	533	64	0
PLAINSBORO TWP	180	86	94	0	155	13	10	2	169	11	0
SAYREVILLE BORO	434	216	218	0	393	12	8	21	401	33	0
SOUTH AMBOY CITY	199	114	85	0	187	3	4	5	177	22	0
SOUTH BRUNSWICK TWP	366	190	176	0	315	20	18	13	345	21	0
SOUTH PLAINFIELD BORO	252	130	122	0	232	12	7	1	234	18	0
SOUTH RIVER BORO	187	98	89	0	177	6	1	3	167	20	0
SPOTSWOOD BORO	70	43	27	0	69	0	0	1	63	7	0
WOODBRIDGE TWP	1074	559	515	0	961	47	36	30	995	78	1
*TOTAL MIDDLESEX	8898	4582	4316	0	7497	793	402	206	7781	1112	5

TABLE-22 (CONTINUED)
1986

MONMOUTH COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
ABERDEEN TWP	292	153	139	0	234	40	8	10	258	34	0
ALLENHURST BORO	8	6	2	0	8	0	0	0	8	0	0
ALLENTOWN BORO	35	19	16	0	33	2	0	0	33	2	0
ASBURY PARK CITY	421	227	194	0	131	286	3	1	178	242	1
ATLANTIC HIGHLANDS BORO	114	55	59	0	106	3	2	3	102	12	0
AVON-BY-THE-SEA BORO	25	15	10	0	25	0	0	0	24	1	0
BELMAR BORO	98	51	47	0	93	5	0	0	78	20	0
BRADLEY BEACH BORO	84	33	51	0	81	3	0	0	60	24	0
BRIELLE BORO	42	15	27	0	38	4	0	0	37	5	0
COLTS NECK TOWNSHIP	77	39	38	0	68	0	2	7	73	4	0
DEAL BORO	18	6	12	0	15	0	0	3	16	2	0
EATONTOWN BORO	261	129	132	0	208	34	18	1	243	18	0
ENGLISHTOWN BORO	53	28	25	0	46	4	3	0	46	7	0
FAIR HAVEN BORO	61	35	26	0	57	3	0	1	57	4	0
FARMINGDALE BORO	41	21	20	0	35	5	0	1	35	6	0
FREEHOLD BORO	175	84	91	0	138	29	2	6	135	40	0
FREEHOLD TWP	227	120	107	0	201	8	8	10	206	21	0
HAZLET TWP	292	138	154	0	265	5	7	15	269	23	0
HIGHLANDS BORO	90	44	46	0	89	0	0	1	74	16	0
HOLMDEL TWP	87	47	40	0	73	0	8	6	86	1	0
HOWELL TWP	503	271	232	0	469	14	10	10	472	31	0
INTERLAKEN BORO	6	2	4	0	6	0	0	0	6	0	0
KEANSBURG BORO	216	105	111	0	214	0	2	0	148	67	1
KEYPORT BORO	139	73	66	0	130	8	0	1	114	25	0
LITTLE SILVER BORO	65	38	27	0	65	0	0	0	64	1	0
LOCH ARBOUR VILLAGE	2	2	0	0	2	0	0	0	2	0	0
LONG BRANCH CITY	524	254	270	0	398	118	5	3	349	175	0
MANALAPAN TWP	225	113	112	0	190	5	8	22	219	4	2
MANASQUAN BORO	91	42	49	0	85	2	2	2	82	9	0
MARLBORO TWP	318	173	145	0	261	5	18	34	305	12	1
MATAWAN BORO	149	73	76	0	117	12	4	16	131	18	0

TABLE-22 (CONTINUED)
1986

MONMOUTH COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
MIDDLETOWN TWP	812	417	395	0	766	6	21	19	760	52	0
MILLSTONE TWP	53	30	23	0	49	3	0	1	49	4	0
MONMOUTH BEACH BORO	33	17	16	0	30	1	0	2	29	4	0
NEPTUNE CITY BORO	54	31	23	0	51	3	0	0	45	9	0
NEPTUNE TWP	423	216	207	0	266	152	5	0	278	144	1
OCEAN TWP	335	172	163	0	301	26	6	2	317	18	0
OCEANPORT BORO	74	27	47	0	73	1	0	0	70	4	0
RED BANK BORO	184	97	87	0	124	53	4	3	136	48	0
ROOSEVELT BORO	15	10	5	0	14	0	0	1	15	0	0
RUMSON BORO	68	32	36	0	64	0	1	3	65	3	0
SEA BRIGHT BORO	30	12	18	0	28	1	0	1	21	9	0
SEA GIRT BORO	15	8	7	0	15	0	0	0	15	0	0
SHREWSBURY BORO	32	18	14	0	31	0	0	1	29	3	0
SHREWSBURY TWP	28	13	15	0	25	1	2	0	27	1	0
SOUTH BELMAR BORO	23	17	6	0	20	3	0	0	15	8	0
SPRING LAKE BORO	32	12	20	0	31	0	0	1	30	2	0
SPRING LAKE HEIGHTS BORO	36	22	14	0	36	0	0	0	33	3	0
TINTON FALLS BORO	118	61	57	0	103	11	4	0	104	14	0
UNION BEACH BORO	79	42	37	0	79	0	0	0	69	10	0
UPPER FREEHOLD TWP	35	19	16	0	33	2	0	0	30	5	0
WALL TWP	228	113	115	0	227	0	1	0	214	14	0
WEST LONG BRANCH BORO	72	30	42	0	67	0	2	3	66	6	0
*TOTAL MONMOUTH	7518	3827	3691	0	6314	858	156	190	6327	1185	6

TABLE-22 (CONTINUED)
1986

MORRIS COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BOONTON TOWN	154	83	71	0	136	4	10	4	138	16	0
BOONTON TWP	26	15	11	0	25	0	1	0	23	3	0
BUTLER BORO	113	56	57	0	111	0	1	1	101	12	0
CHATHAM BORO	177	91	86	0	168	2	2	5	171	5	1
CHATHAM TWP	54	26	28	0	51	0	2	1	53	1	0
CHESTER BORO	26	14	12	0	25	1	0	0	24	2	0
CHESTER TWP	54	26	28	0	51	0	2	1	50	4	0
DENVILLE TWP	189	93	96	0	178	1	5	5	184	5	0
DOVER TOWN	282	136	146	0	256	15	9	2	232	50	0
EAST HANOVER TWP	72	33	39	0	65	3	3	1	70	2	0
FLORHAM PARK BORO	86	49	37	0	79	0	4	3	84	2	0
HANOVER TWP	112	61	51	0	107	1	4	0	106	6	0
HARDING TWP	31	13	18	0	31	0	0	0	30	1	0
JEFFERSON TWP	254	134	120	0	249	0	3	2	234	20	0
KINNELON BORO	84	54	30	0	81	0	1	2	82	2	0
LINCOLN PARK BORO	132	75	57	0	128	1	1	2	127	4	1
MADISON BORO	151	77	74	0	124	11	6	10	137	13	1
MENDHAM BORO	47	29	18	0	44	0	0	3	46	1	0
MENDHAM TWP	33	15	18	0	32	0	0	1	32	1	0
MINE HILL TWP	55	28	27	0	55	0	0	0	50	5	0
MONTVILLE TWP	181	86	95	0	169	2	9	1	175	6	0
MORRIS PLAINS BORO	85	40	45	0	78	3	4	0	80	5	0
MORRIS TWP	213	120	93	0	195	9	4	5	201	12	0
MORRISTOWN TOWN	270	139	130	1	200	53	7	10	207	63	0
MOUNT ARLINGTON BORO	28	21	7	0	28	0	0	0	26	2	0
MOUNT OLIVE TWP	374	187	187	0	357	3	10	4	342	32	0
MOUNTAIN LAKES BORO	39	20	19	0	39	0	0	0	38	1	0
NETCONG BORO	69	32	37	0	66	0	3	0	63	6	0
PARSIPPANY-TROY HILLS TWP	552	289	263	0	480	15	46	11	523	29	0
PASSAIC TWP	95	48	47	0	90	0	2	3	87	7	1
PEQUANNOCK TWP	134	66	68	0	132	0	1	1	129	5	0

TABLE-22 (CONTINUED)
1986

MORRIS COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
RANDOLPH TWP	250	124	126	0	233	3	9	5	238	12	0
RIVERDALE BORO	26	15	11	0	26	0	0	0	23	3	0
ROCKAWAY BORO	104	57	47	0	100	1	2	1	100	3	1
ROCKAWAY TWP	249	123	126	0	229	3	13	4	240	9	0
ROXBURY TWP	287	130	156	1	270	7	7	3	263	24	0
VICTORY GARDENS BORO	5	4	1	0	2	2	1	0	3	2	0
WASHINGTON TWP	165	99	66	0	158	0	0	7	160	5	0
WHARTON BORO	96	49	47	0	89	3	3	1	82	14	0
*TOTAL MORRIS	5354	2757	2595	2	4937	143	175	99	4954	395	5

TABLE-22 (CONTINUED)
1986

OCEAN COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BARNEGAT LIGHT BORO	8	5	3	0	7	1	0	0	8	0	0
BARNEGAT TWP	155	72	83	0	151	1	1	2	138	17	0
BAY HEAD BORO	11	5	6	0	11	0	0	0	11	0	0
BEACH HAVEN BORO	19	9	10	0	19	0	0	0	17	2	0
BEACHWOOD BORO	118	53	65	0	118	0	0	0	106	12	0
BERKELEY TWP	202	99	103	0	199	3	0	0	169	32	1
BRICK TWP	853	410	443	0	844	3	5	1	782	71	0
DOVER TWP	918	478	440	0	900	12	4	2	807	110	1
EAGLESWOOD TWP	20	11	9	0	20	0	0	0	17	3	0
HARVEY CEDARS BORO	1	1	0	0	1	0	0	0	1	0	0
ISLAND HEIGHTS BORO	16	7	9	0	16	0	0	0	14	2	0
JACKSON TWP	413	217	196	0	398	9	4	2	373	40	0
LACEY TWP	263	137	126	0	262	1	0	0	238	23	2
LAKEHURST BORO	70	39	31	0	57	13	0	0	58	12	0
LAKEWOOD TWP	938	464	474	0	732	119	11	76	770	167	1
LAVALLETTE BORO	21	15	6	0	21	0	0	0	18	3	0
LITTLE EGG HARBOR TWP	139	69	70	0	139	0	0	0	120	19	0
LONG BEACH TWP	30	15	15	0	30	0	0	0	24	6	0
MANCHESTER TWP	137	78	59	0	118	19	0	0	113	24	0
MANTOLOKING BORO	8	3	5	0	8	0	0	0	6	2	0
OCEAN GATE BORO	26	14	12	0	25	0	1	0	19	7	0
OCEAN TWP	67	34	33	0	60	0	3	4	55	12	0
PINE BEACH BORO	29	17	12	0	29	0	0	0	24	5	0
PLUMSTED TWP	69	35	34	0	66	3	0	0	60	9	0
POINT PLEASANT BEACH BORO	28	14	14	0	27	0	0	1	25	3	0
POINT PLEASANT BORO	235	116	119	0	231	1	3	0	211	24	0
SEASIDE HEIGHTS BORO	57	26	31	0	56	0	1	0	35	22	0
SEASIDE PARK BORO	19	10	9	0	19	0	0	0	17	2	0
SHIP BOTTOM BORO	12	6	6	0	12	0	0	0	12	0	0
SOUTH TOMS RIVER BORO	73	39	34	0	52	20	1	0	41	32	0
STAFFORD TWP	168	94	74	0	167	0	0	1	151	17	0
SURF CITY BORO	5	2	3	0	5	0	0	0	5	0	0
TUCKERTON BORO	97	47	50	0	94	2	0	1	83	14	0
*TOTAL OCEAN	5225	2641	2584	0	4894	207	34	90	4528	692	5

TABLE-22 (CONTINUED)
1986

PASSAIC COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BLOOMINGDALE BORO	110	44	66	0	107	1	1	1	99	10	1
CLIFTON CITY	823	414	409	0	764	21	26	12	776	47	0
HALEDON BORO	84	44	40	0	80	3	1	0	79	5	0
HAWTHORNE BORO	213	103	110	0	203	2	4	4	207	6	0
LITTLE FALLS TWP	108	55	53	0	105	0	1	2	99	9	0
NORTH HALEDON BORO	73	42	31	0	72	1	0	0	66	7	0
PASSAIC CITY	1285	677	608	0	830	397	45	13	809	476	0
PATERSON CITY	3117	1626	1491	0	1953	1084	72	8	1586	1531	0
POMPTON LAKES BORO	123	72	51	0	121	0	1	1	117	6	0
PROSPECT PARK BORO	81	44	37	0	78	0	1	2	76	5	0
RINGWOOD BORO	161	83	78	0	145	7	2	7	152	9	0
TOTOWA BORO	81	37	44	0	80	0	0	1	75	6	0
WANAQUE BORO	146	75	71	0	144	1	1	0	139	7	0
WAYNE TWP	479	240	239	0	453	4	12	10	455	24	0
WEST MILFORD TWP	426	222	204	0	408	3	1	14	402	23	1
WEST PATERSON BORO	131	64	67	0	126	2	1	2	123	8	0
*TOTAL PASSAIC	7441	3842	3599	0	5669	1526	169	77	5260	2179	2

TABLE-22 (CONTINUED)
1986

SALEM COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
ALLOWAY TWP	26	15	11	0	24	2	0	0	22	4	0
CARNEYS POINT TWP	116	69	47	0	100	13	1	2	87	29	0
ELMER BORO	37	20	17	0	36	0	1	0	32	5	0
ELSINBORO TWP	4	4	0	0	4	0	0	0	3	1	0
LOWER ALLOWAY CREEK TWP	8	3	5	0	8	0	0	0	8	0	0
MANNINGTON TWP	9	6	3	0	8	1	0	0	7	2	0
OLDMANS TWP	21	8	13	0	16	5	0	0	14	7	0
PENNS GROVE BORO	76	43	33	0	40	30	0	6	38	38	0
PENNSVILLE TWP	168	72	96	0	150	8	4	6	143	24	1
PILESGROVE TWP	17	6	11	0	13	4	0	0	12	5	0
PITTSGROVE TWP	62	34	28	0	52	8	1	1	53	9	0
QUINTON TWP	20	9	11	0	12	8	0	0	13	7	0
SALEM CITY	197	96	101	0	104	90	2	1	105	91	1
UPPER PITTSGROVE TWP	35	24	11	0	34	0	0	1	30	5	0
WOODSTOWN BORO	63	41	22	0	48	14	0	1	47	14	2
*TOTAL SALEM	859	450	409	0	649	183	9	18	614	241	4

TABLE-22 (CONTINUED)
1986

SOMERSET COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BEDMINSTER TWP	63	31	32	0	58	1	4	0	60	3	0
BERNARDS TWP	159	83	76	0	151	0	5	3	149	10	0
BERNARDSVILLE BORO	45	18	27	0	42	0	2	1	42	3	0
BOUND BROOK BORO	138	74	64	0	128	2	8	0	115	23	0
BRANCHBURG TWP	94	50	44	0	88	0	5	1	90	4	0
BRIDGEWATER TWP	303	168	135	0	276	6	18	3	284	19	0
FAR HILLS BORO	17	6	11	0	17	0	0	0	15	2	0
FRANKLIN TWP	573	299	274	0	394	147	29	3	479	94	0
GREEN BROOK TWP	52	28	24	0	49	0	2	1	48	4	0
HILLSBOROUGH TWP	361	186	175	0	331	8	17	5	342	19	0
MANVILLE BORO	147	72	75	0	144	0	3	0	132	15	0
MILLSTONE BORO	6	3	3	0	6	0	0	0	6	0	0
MONTGOMERY TWP	118	74	44	0	113	3	1	1	114	3	1
NORTH PLAINFIELD BORO	298	164	134	0	281	7	7	3	275	22	1
PEAPACK-GLADSTONE BORO	34	12	22	0	31	0	1	2	34	0	0
RARITAN BORO	64	36	28	0	61	0	2	1	60	4	0
ROCKY HILL BORO	7	3	4	0	7	0	0	0	7	0	0
SOMERVILLE BORO	241	121	120	0	210	17	9	5	209	32	0
SOUTH BOUND BROOK BORO	55	32	23	0	49	4	1	1	51	4	0
WARREN TWP	129	64	65	0	123	0	6	0	121	8	0
WATCHUNG BORO	46	21	25	0	44	0	1	1	45	1	0
*TOTAL SOMERSET	2950	1545	1405	0	2603	195	121	31	2678	270	2

TABLE-22 (CONTINUED)
1986

SUSSEX COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
ANDOVER BORO	15	7	8	0	15	0	0	0	14	1	0
ANDOVER TWP	58	28	30	0	58	0	0	0	57	1	0
BRANCHVILLE BORO	18	12	6	0	16	0	1	1	17	1	0
BYRAM TWP	132	65	67	0	129	0	3	0	127	5	0
FRANKFORD TWP	80	44	36	0	78	1	1	0	71	9	0
FRANKLIN BORO	58	35	23	0	58	0	0	0	51	7	0
FREDON TWP	28	13	15	0	28	0	0	0	27	1	0
GREEN TWP	36	19	17	0	36	0	0	0	35	1	0
HAMBURG BORO	43	21	22	0	38	3	0	2	37	6	0
HAMPTON TWP	59	33	26	0	58	1	0	0	55	4	0
HARDYSTON TWP	90	39	51	0	88	0	0	2	86	4	0
HOPATCONG BORO	266	145	121	0	259	1	5	1	258	8	0
LAFAYETTE TWP	30	14	16	0	28	1	0	1	28	2	0
MONTAGUE TWP	30	13	17	0	27	0	1	2	29	1	0
NEWTON TOWN	129	71	58	0	126	2	1	0	110	19	0
OGDENSBURG BORO	45	20	25	0	45	0	0	0	45	0	0
SANDYSTON TWP	12	4	6	0	12	0	0	0	11	1	0
SPARTA TWP	207	105	102	0	198	0	3	6	201	6	0
STANHOPE BORO	57	28	29	0	54	0	1	2	53	4	0
STILLWATER TWP	61	36	25	0	61	0	0	0	58	3	0
SUSSEX BORO	83	45	38	0	77	2	1	3	69	14	0
VERNON TWP	320	175	145	0	303	1	1	15	311	9	0
WALPACK TWP	1	0	1	0	1	0	0	0	1	0	0
WANTAGE TWP	84	35	49	0	84	0	0	0	77	7	0
*TOTAL SUSSEX	1942	1007	935	0	1877	12	18	35	1828	114	0

TABLE-22 (CONTINUED)
1986

UNION COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BERKELEY HEIGHTS TWP	128	62	66	0	118	1	7	2	124	4	0
CLARK TWP	134	68	66	0	129	0	3	2	129	5	0
CRANFORD TWP	256	142	114	0	237	7	3	9	242	14	0
ELIZABETH CITY	1916	951	965	0	1399	459	46	12	1258	656	2
FANWOOD BORO	102	51	51	0	96	0	2	4	100	2	0
GARWOOD BORO	55	32	23	0	53	0	0	2	51	4	0
HILLSIDE TWP	268	133	135	0	138	116	9	5	198	70	0
KENILWORTH BORO	80	41	39	0	77	3	0	0	72	8	0
LINDEN CITY	437	230	207	0	327	105	4	1	345	92	0
MOUNTAINSIDE BORO	42	19	23	0	41	0	1	0	41	1	0
NEW PROVIDENCE BORO	148	78	70	0	135	0	7	6	145	3	0
PLAINFIELD CITY	937	472	465	0	301	621	9	6	499	436	2
RAHWAY CITY	359	179	180	0	276	76	5	2	289	70	0
ROSELLE BORO	261	133	128	0	159	95	6	1	191	70	0
ROSELLE PARK BORO	145	68	77	0	130	5	7	3	135	10	0
SCOTCH PLAINS TWP	264	143	121	0	210	29	12	13	234	28	2
SPRINGFIELD TWP	110	54	56	0	105	1	3	1	107	3	0
SUMMIT CITY	212	105	107	0	188	12	6	6	197	15	0
UNION TWP	445	232	213	0	379	54	10	2	407	38	0
WESTFIELD TOWN	354	161	193	0	317	17	10	10	331	23	0
WINFIELD TWP	20	11	9	0	20	0	0	0	15	5	0
*TOTAL UNION	6673	3365	3308	0	4835	1601	150	87	5110	1557	6

TABLE-22 (CONTINUED)
1986

WARREN COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
ALLAMUCHY TWP	34	17	17	0	33	1	0	0	31	3	0
ALPHA BORO	27	18	9	0	27	0	0	0	23	3	1
BELVIDERE TOWN	49	29	20	0	48	0	1	0	38	10	1
BLAIRSTOWN TWP	75	37	38	0	72	2	0	1	67	7	1
FRANKLIN TWP	31	18	13	0	31	0	0	0	24	7	0
FRELINGHUYSEN TWP	24	9	15	0	23	0	0	1	22	2	0
GREENWICH TWP	22	9	13	0	22	0	0	0	20	2	0
HACKETTSTOWN TOWN	165	86	79	0	159	1	5	0	151	14	0
HARDWICK TWP	14	5	9	0	14	0	0	0	14	0	0
HARMONY TWP	24	12	12	0	24	0	0	0	20	4	0
HOPE TWP	30	11	19	0	29	0	1	0	29	1	0
INDEPENDENCE TWP	42	21	21	0	42	0	0	0	32	10	0
KNOWLTON TWP	42	19	23	0	41	0	0	1	33	9	0
LIBERTY TWP	34	16	18	0	34	0	0	0	29	5	0
LOPATCONG TWP	26	11	15	0	26	0	0	0	24	2	0
MANSFIELD TWP	92	47	45	0	91	0	1	0	83	9	0
OXFORD TWP	29	9	20	0	28	1	0	0	25	4	0
PHILLIPSBURG TOWN	307	161	145	1	295	10	1	1	221	85	1
POHATCONG TWP	26	7	19	0	26	0	0	0	25	1	0
WASHINGTON BORO	65	33	32	0	63	1	1	0	60	5	0
WASHINGTON TWP	124	67	57	0	117	4	2	1	111	13	0
WHITE TWP	36	17	19	0	36	0	0	0	34	2	0
*TOTAL WARREN	1318	659	658	1	1281	20	12	5	1116	198	4

TABLE-22 (CONTINUED)
1986

STATE INST COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
N J ST REFORM WOMEN CLINT	9	4	5	0	2	7	0	0	3	6	0
*TOTAL STATE INST	9	4	5	0	2	7	0	0	3	6	0

MILITARY COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
FORT DIX	104	51	53	0	67	34	3	0	98	6	0
FORT MONMOUTH	51	27	24	0	25	22	4	0	44	7	0
MCGUIRE AIR BASE FORT DIX	69	32	37	0	45	19	5	0	65	4	0
NAVAL AIR STATION POMONA	1	0	1	0	1	0	0	0	1	0	0
*TOTAL MILITARY	225	110	115	0	138	75	12	0	208	17	0

Mortality
1986

TAB-D
MORTALITY

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Mortality
1986

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CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Mortality
1986

INTRODUCTION

All mortality statistics provided are data summarized from death certificate items filed with the New Jersey State Registrar. New Jersey vital statistics legislation requires a death certificate to be filed by the proper authority for any death occurring within the state. Deaths to New Jersey residents occurring in other states during the calendar year are recorded in the state of occurrence and are covered in this report. These records are forwarded to the New Jersey State Registrar as part of a national exchange program among the 50 states. The Cooperative Health Statistical System is sponsored by the National Center for Health Statistics. Participation in this system involves the reporting of all deaths occurring in New Jersey and forwarding data for the National Death Index.

All death data are maintained on computer tapes by the Bureau of Vital Statistics. Monthly and annual death tabulations are supplied to the Center for Health Statistics for surveillance and reporting purposes. To maintain confidentiality, all individual identifiers are removed prior to tabulation of any data for statistical purposes.

STATISTICAL OVERVIEW

Number of Deaths

As might be expected with the population of the State increasing by twenty-five percent since 1960, the number of resident deaths has likewise increased. The increase in deaths, however, was not in direct proportion to the population increase, which occurred at a much faster pace. The mortality rate was lower in 1986 than in 1960, 9.4 versus 9.8; nevertheless, the total number of deaths was 20.2% higher than the 1960 total of 59,330. Total resident deaths during 1986 were 71,299, an increase of 644 over 1985. There were 31,377 white male deaths, 31,085 white female deaths, 4,901 nonwhite male deaths, and 3,864 nonwhite female deaths.

Mortality Rate

The mortality rate for the State was 9.4 per 1,000 population. Compared to the nation, the New Jersey rate was slightly higher than the national mortality rate of 8.7 per 1,000 population in 1986.

Distribution across the 21 counties varied from a high of 13.6 per 1,000 population in Ocean County to 6.6 per 1,000 population in Sussex County. A ranking by mortality rate indicates that the following counties were higher than the State average: Cape May (13.1), Atlantic (11.7), Hudson (10.4), Cumberland (10.1), Essex and Union (10.0), Warren (9.9), Bergen (9.5), and Salem (9.4).

The New Jersey mortality rate for males (10.1) was higher than the rate for females (8.8). This differential has existed historically. The total white population rate of 9.9 was also higher than the nonwhite rate of 6.8 based on 1,000 deaths per population level. For population groups divided by both race and sex, the highest mortality rate occurred among white males (10.3), and the lowest rate appeared among nonwhite females (5.6).

Age-Specific Rates

Comparisons of age-specific mortality rates for whites and nonwhites show higher mortality rates for nonwhites in age groups under 65 but lower rates for the 65 and above groups. In 1986 the mortality rates for 25-44 year olds were 146.6 per 100,000 for whites versus 356.9 for nonwhites. In the next higher age grouping, 45-64, the rate for whites was 810.2 versus 1,131.1 for nonwhites. The rates for the younger age group were 2.4 times higher for nonwhites, but only 1.4 times higher in the older age groups. Above 65 years of age the nonwhite rate is 0.92 times as high as the mortality rate for whites, 4,804.3 versus 5,217.3. Thus, the chances of surviving another year increase for nonwhites as they age, and elderly nonwhites become more likely to survive than whites.

Age-specific mortality rates for men were higher for all age groups than the corresponding rates for females. In the 15-24 year old age group, the male rate of 115.6 per 100,000 population was nearly 3 times that of the female rate of 38.6 per 100,000 population. The mortality rate for males aged 25-44 (258.8 per 100,000 population) was over twice the rate for females (113.2 per 100,000 population). At ages 45 through 64 males had an age-specific death rate of 1,100.1 per 100,000 population compared to 632.9 per 100,000 for females. The mortality rate for males aged 65 and above was 6,127.1 per 100,000 population compared to 4,581.7 per 100,000 for females.

PRINCIPAL CAUSES OF DEATH

Leading Causes

The ten leading causes of death have remained virtually the same since 1968. In 1986 the leading causes ranked from highest to lowest were: (1) diseases of the heart, (2) malignant neoplasms, (3) cerebrovascular diseases, (4) pneumonia and influenza, (5) accidents, (6) diabetes mellitus, (7) chronic liver disease and cirrhosis, (8) septicemia, (9) nephritis and nephrosis, and (10) diseases of artery, arterioles and capillary.

Deaths caused by diseases of the heart remained approximately at the same level as in 1985 with the mortality rate decreasing by 6.6 points in 1986 to 362.2 per 100,000 population. Malignant neoplasms decreased 0.8% from 1985 to 223.1 per 100,000 population in 1986. Combined diseases of the heart and malignant neoplasms, the two major causes of death, continued to account for almost two-thirds of all deaths in the State. Deaths attributable to diabetes mellitus, nephritis and nephrosis, pneumonia and influenza, septicemia, accidental deaths, and cardiovascular diseases increased, while deaths from malignancies, chronic liver disease and cirrhosis, and cerebrovascular diseases decreased.

Age Groups

Age group data show that accidents were the leading cause of death for the population aged 1-14; malignant neoplasms ranked second. For those aged 15-24, accidents were also the leading cause, and homicide ranked second. For the age group 25-44, malignant neoplasms were the leading cause of death and accidents ranked second, followed by diseases of the heart, suicide, homicide and chronic liver diseases and cirrhosis. For the age group 45-64 malignant neoplasms were the leading cause of death, followed by heart diseases. For deaths to persons aged 65 years and over, diseases of the heart were the major cause of death, and malignant neoplasms ranked second. Cerebrovascular diseases and pneumonia and influenza ranked third and fourth, respectively.

Diseases of the Heart

Diseases of the heart decreased from 27,886 deaths in 1985 to 27,601 in 1986. This slight drop reflected a rate decrease from 368.7 to 362.2 deaths per 100,000 population. There were 12,317 deaths of white males in 1986, a slight decrease from the 1985 level of 12,847. However, total white female deaths increased from 12,536 in 1985 to 12,770 deaths in 1986. Deaths due to heart diseases among nonwhite males also decreased from 1,282 to 1,267 between 1985 and 1986. For the same period nonwhite female deaths increased by 33 from 1,197 to 1,230 deaths. Diseases of the heart remained the leading cause of death for all races, sixty-five years of age or older and for all males forty-five years and older.

Malignant Neoplasms

Malignant neoplasms were the second leading cause of death in 1986 irrespective of race or sex. The crude mortality rates attributable to malignant neoplasms over the past five years are: 1986 (223.1); 1985 (224.8); 1984 (221.7); 1983 (221.8); and 1982 (216.6). Cancer was the second leading cause of death among white males over 44 years of age and those aged 15-44. Cancer was the leading cause of death of white women aged 25-64 and 15-24 and the second leading cause of death for those aged 65 and older. Cancer resulted in the second highest death toll among men and women aged 45 and older, and it was the leading cause of female mortality in the age group 25-44. There was one less death attributable to malignant neoplasms in 1986 than in 1985.

Cerebrovascular Disease

Although cerebrovascular diseases remained the third leading cause of death among New Jersey residents, the number of deaths dropped for the sixth consecutive year. Since 1970 the overall trend has been downward. Eighty-five percent of all deaths from cerebrovascular diseases involved persons 65 years old and over. In 1986 the mortality rates reversed direction for both race and sex. Now the nonwhite population and males are more likely to succumb to cerebrovascular disease. Historically, whites and females experienced the higher rates.

Accidental Deaths

The number of accidental deaths increased from 2,155 in 1985 to 2,176 in 1986 and the death rate increased from 28.5 to 28.6 deaths per 100,000. More deaths were attributed to accidents than to any other cause of death among the total population aged 1-24. Accidents were also the leading cause of death among white males in the 25-44 age group.

Influenza and Pneumonia

In 1986 there were 2,237 deaths in this disease category compared to 2,150 in 1985. Mortality rates for influenza and pneumonia have consistently increased over the past five years. From 1982 through 1986 they were 20.1, 22.7, 26.1, 28.4, and 29.4 deaths per 100,000 population. Influenza and pneumonia taken together caused the fourth largest number of deaths among the elderly (aged 65+), accounting for 1,905 (or 85.2%) of the 2,237 total influenza and pneumonia deaths reported in 1986.

Suicide

There were 662 resident suicides in 1986, a decrease from 1985 (672). The mortality rate dropped to 8.7 per 100,000 from 8.9 in the previous year. The largest number of suicides were by white males, 467. There were 5 white male deaths between the ages of 5 and 14, 81 between the ages of 15 and 24, 192 between the ages of 25 and 44, 97 between the ages of 45 and 64, and 91 for white males aged 65+. Among the nonwhite male population there were 43 deaths. There were 2 recorded for those aged 5-14, 6 for men 15-24, 20 for those aged 25-44, and 14 among those 45 years of age and over. By contrast, the highest age-specific suicide deaths for white females were reported for those aged 25 to 44 and 45 to 64--43 and 54 suicides for each of these two age groups, respectively, during 1986. Only 12 suicides were reported among nonwhite women.

Leading Causes of Death
By Age Group for New Jersey Residents
1986

	Age Group					
Rank	1-14	15-24	25-44	45-64	65+*	Total**
1	Accidents 156	Accidents 411	Malignant Neoplasms 712	Malignant Neoplasms 5,073	Heart Diseases 22,516	Heart Diseases 27,601
2	Malignant Neoplasms 58	Homicide 118	Accidents 710	Heart Diseases 4,462	Malignant Neoplasms 11,092	Malignant Neoplasms 17,000
3	Congenital Anomalies 48	Suicide 102	Heart Diseases 530	Cerebrovascular Diseases 531	Cerebrovascular Diseases 3,703	Cerebrovascular Diseases 4,372
4	Heart Diseases 18	Malignant Neoplasms 63	Suicide 262	Chronic Liver Diseases and Cirrhosis 437	Pneumonia and Influenza 1,905	Pneumonia and Influenza 2,237
5	Symptoms, Signs and Ill-Defined Conditions 14	Heart Diseases 38	Homicide 214	Accidents 345	Diabetes Mellitus 1,054	Accidents 2,176
6	Homicide 13	Symptoms, Signs and Ill-Defined Conditions 25	Chronic Liver Diseases and Cirrhosis 177	Diabetes Mellitus 331	Septicemia 788	Diabetes Mellitus 1,454
7	Infectious and Parasitic Diseases 10	Infectious and Parasitic Diseases 15	Infectious and Parasitic Diseases 165	Pneumonia and Influenza 188	Nephritis and Nephrosis 726	Chronic Liver Diseases and Cirrhosis 1,012
8	Suicide 9	Cerebrovascular Diseases 11	Cerebrovascular Diseases 120	Suicide 160	Artery, Arterioles and Capillary 592	Septicemia 991
9	Septicemia 7	Congenital Anomalies 8	Pneumonia and Influenza 114	Septicemia 136	Atherosclerosis 572	Nephritis and Nephrosis 894
10	Benign and Unspecified Neoplasms 7	Pneumonia and Influenza 7	Symptoms, Signs and Ill-Defined Conditions 96	Nephritis and Nephrosis 129	Accidents 538	Artery, Arterioles and Capillary 726
11	Pneumonia and Influenza 6	Septicemia 6	Diabetes Mellitus 66	Artery, Arterioles and Capillary 114	Chronic Liver Diseases and Cirrhosis 395	Suicide 662
12	***	***	Septicemia 45	Emphysema 80	Emphysema 376	Atherosclerosis 626
Residual****	78	115	1,113	1,689	6,604	11,548
Total Deaths	424	919	4,324	13,675	50,856	71,299

* Suicides are the 18th ranking cause of death among those persons aged 65 and above with 127 deaths from suicide in that age group.

** Excludes persons 1 year of age and persons of unknown age.

*** Ranking 12 not shown for young age groups because of small number of cases in categories.

**** Deaths from all other causes.

Homicide

Homicide remains a major problem in New Jersey with 459 deaths occurring in 1986. In 1985 there were 452 reported homicides, representing an increase from 435 in 1984 and 447 in 1983. Total homicides and rates per 100,000 population in New Jersey for the three years between 1980 through 1982 were considerably higher, 7.4 and up, than for any previous year. Then the homicide rate declined 18.9% between 1982 and 1983 to 6.0. The homicide rate declined further in 1984 to 5.8, but returned to 6.0 in 1985 and again in 1986. The highest rate of homicides for white males was in the age group 25-44 for which there were 69 cases or 45.1 percent of all white male homicides. The highest percentage of black male homicides also was in the 25-44 year old age group. There were 94 cases or 53.4 percent of all black male homicides. Nonwhite males recorded the highest overall homicide rate at 29.7 per 100,000 population. This rate was almost six times higher than the 5.0 rate for white males. White females recorded the lowest rate at 1.8 per 100,000 population, while nonwhite females had a homicide rate of 9.6 per 100,000 population.

NEW JERSEY
HOMICIDE AND LEGAL INTERVENTION
1986

TOTAL		MALE				FEMALE			
		White		Nonwhite		White		Nonwhite	
No.	Rate**	No.	Rate	No.	Rate	No.	Rate	No.	Rate
459*	6.0	153	5.0	179	29.7	59	1.8	66	9.6

NOTE: *Total includes 2 males of unknown race.
**Rates per 100,000 population.

Legal Intervention (ICD-9 Codes E970-E978) includes injuries inflicted by law-enforcing agents, including military on duty, in the course of arresting or attempting to arrest lawbreakers, suppressing disturbances, maintaining order, and other legal action including legal execution.

Other Selected Causes of Deaths

Diabetes mellitus accounted for 1,248 deaths in 1982, 1,411 deaths in 1983, 1,415 deaths in 1984, 1,398 deaths in 1985 and 1,454 deaths in 1986. The 1985 death rate attributable to diabetes was 18.5 per 100,000 population compared to 19.1 per 100,000 population in 1986.

Chronic liver diseases and cirrhosis accounted for 1,012 deaths in 1986, compared with 1,136 deaths in 1985, 1,032 deaths in 1984 and 1,132 deaths in 1983. The death rate attributable to chronic liver disease and cirrhosis fluctuated as follows between 1983 and 1986: 15.2, 13.7, 15.0, and 13.3 per 100,000 population.

Other diseases of the arteries, arterioles and capillaries produced 726 deaths in 1986 compared with 712 deaths in 1985. The mortality rate for these diseases increased to 9.5 deaths per 100,000 population in 1986 from 9.4 in 1985. Deaths from atherosclerosis numbered 626 in 1986 and 682 in 1985. The corresponding rates per 100,000 population were 8.2 and 9.2.

Bronchitis, asthma and emphysema deaths rose from 607 in 1985 to 654 in 1986. The corresponding death rates for these two years were 8.0 and 8.6 per 100,000 population.

INFANT, FETAL AND MATERNAL DEATHS

Infant Deaths

Infant mortality refers to deaths within one year following birth. Its rate is calculated by the number of infant deaths per 1,000 live births. In 1986 the number of infant deaths was 1,055, compared to 1,113 in 1985 and 1,090 in 1984. The infant mortality rate was 9.7 per 1,000 live births in 1986, a decline from 10.6 per 1,000 live births in 1985 and 10.8 per 1,000 live births in 1984. The 1986 infant mortality rate for the United States was 7 percent higher than that for New Jersey, 10.4 per 1,000 live births. Overall, infant deaths have been on a downward trend since the Department of Health started to collect and maintain statistical records in 1879.

Certain high risk groups can be identified that experience high mortality rates, for example, infants of women who are not white. During 1986 there were 642 white and 403 nonwhite infant deaths, as well as 10 for whom race was unknown. The infant mortality rate for whites was 7.7 per 1,000 live births down from 8.8 in 1985. Among nonwhites the infant mortality rate was almost twice the white rate, 17.6 infant deaths per 1,000 live births in 1985 and 17.8 in 1986.

Infant deaths due to respiratory distress syndrome were again in first place among the top 10 causes of infant deaths. They increased by 5 cases from 139 to 144, or 3.61%, between 1985 and 1986. Other respiratory conditions of the fetus and newborn, and, other and unspecified congenital anomalies were among the ten leading causes of infant deaths that also showed a percentage increase. Second place was claimed by other respiratory conditions of the fetus and newborn and experienced an increase of 50 percent. Disorders related to short gestation and unspecified low birthweight, the second ranking cause of infant death in 1985, decreased by 17 cases and ranked third in 1986.

PRINCIPAL CAUSES OF INFANT MORTALITY
1985-1986

CAUSE DESCRIPTION (ICD-9 CODE)	1986 Rank	1986 Number	1985 Rank	1985 Number	Percent Change
Respiratory Distress Syndrome (769)	1	144	1	139	+3.6
Other Respiratory Conditions of Fetus and Newborn (770)	2	108	5	72	+50.0
Disorders relating to short gestation and unspecified low birthweight (765)	3	106	2	123	-13.8
Sudden Death, Cause Unknown (SID's) (798)	4	102	3	105	-2.9
Other and Ill-defined Conditions Originating in Perinatal Period (779)	5	79	4	100	-21.0
Other Congenital Anomalies of Heart (746)	6	50	6	56	-10.7
Other and Unspecified Congenital Anomalies (759)	7	31	11	28	+10.7
Intrauterine Hypoxia and Birth Asphyxia (768)	8	27	10	29	-6.9
Congenital Anomalies of Respiratory System (748)	9	25	7	39	-35.9
Infections Specific to the Perinatal Period (771)	10	24	8	34	-29.4

NOTE: ICD-9 Code 779 includes 779.6, termination of pregnancy.

Neonatal Deaths

Statistics show that most infant deaths occur during the first month of life. These infant deaths are referred to as neonatal deaths. In 1986 there were 708 neonatal deaths, a decrease of 51 since 1985. The 1986 neonatal mortality rate was 6.5, a decrease of 0.7 per 1,000 live births from the 1985 level of 7.2. New Jersey's 1986 neonatal mortality rate is 0.2 less than the national rate of 6.7 per 1,000 live births. In 1986 there were 445 white and 254 nonwhite neonatal deaths recorded, along with 9 of unknown race. The neonatal mortality rates for whites and nonwhites were 6.3 and 10.8, respectively, in 1985. In 1986 the rates were 5.3 and 11.2, respectively, indicating that the rate for whites decreased by 18.5 percent over this period while the rate among nonwhite mothers increased by 3.7 percent.

Fetal Deaths

A fetal death is defined as a death occurring prior to complete expulsion or extraction of a fetus from its mother as a product of conception. Other commonly used terms are stillbirth and spontaneous abortion. Fetal deaths occurring after the completion of twenty or more weeks of gestation are required by law to be reported to the State Registrar.

The reported number of fetal deaths and the corresponding fetal death rate have declined over the past twenty-five years. In 1958 there were 2,185 fetal deaths with a rate of 16.8 fetal deaths per 1,000 live births. In 1986 there were 1,166 fetal deaths or 10.8 per 1,000 live births. However, all of this decline in fetal deaths was achieved prior to 1975 when 941 fetal deaths were reported, producing a rate of 10.3. The lowest level of fetal deaths was recorded in 1983; the number of fetal deaths was 839 and the rate was 8.5 per 1,000 births.

The number of white fetal deaths increased from 491 in 1983 to 654 in 1984, then rose to 707 in 1985 and to 766 in 1986. Nonwhite fetal deaths increased from 323 to 374, then decreased to 335 between 1983 and 1986. The fetal death rate for the white population increased 46 percent from 6.3 in 1983 to 9.2 per 1,000 live births in 1986. For the nonwhite population, the rate increased by 14.2 percent from 15.5 in 1983 to 17.7 in 1984, then declined by 16.3 percent to 14.8 per 1,000 live births in 1986.

Perinatal Deaths

Perinatal mortality is a composite statistic used to measure the critical period in human development just prior to birth and shortly thereafter. Perinatal mortality includes fetal deaths of 20 weeks or more gestation plus neonatal deaths (infant deaths within 28 days of birth). During the last twenty-five years perinatal deaths have declined dramatically. The perinatal mortality rate in 1958 was 34.4 and has declined to 17.1 in 1986.

There were 1,874 perinatal deaths in 1986, a decrease of 4 from 1985. However, the perinatal mortality rate decreased from 17.6 to 17.1 deaths per 1,000 live births. The long-term trend shows a substantial drop over the last fifty years with minor fluctuations recorded for the short term. Perinatal mortality rates for whites and nonwhites were 14.5 and 26.0 per 1,000 live births, respectively, for 1986. The rate for whites was a decrease from the 1985 rate of 15.0; the rate for nonwhites was a decrease from 27.1 per 1,000 births.

Maternal Deaths

Maternal deaths have declined dramatically since 1940 when the number of deaths was 172 and the rate was 29.0. In 1986 there were 10 maternal deaths with a corresponding rate of 0.9 per 10,000 live births. This level follows the 1985 figure of 3 maternal deaths with a rate of 0.3 which was the lowest both in number and rate to date. The previous low occurred in 1981 and 1983: 5 deaths with a rate of 0.5.

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CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

TABLE-1

NEW JERSEY
MORTALITY BY RACE, SEX AND AGE: 1972-1986

YEAR	TOTAL		RACE		SEX		AGE GROUP						
	Number	Rate	White	Nonwhite	Male	Female	1	1-4	5-14	15-24	25-44	45-64	65+
1972	68,865	9.4	61,740	7,125	37,204	31,661	1,809	340	483	1,189	3,559	17,699	43,786
1973	68,631	9.3	61,599	7,031	37,039	31,592	1,644	314	455	1,296	3,464	17,413	44,045
1974	66,797	9.0	59,943	6,804	36,013	30,784	1,582	291	376	1,239	3,308	16,825	43,176
1975	65,422	8.9	58,775	6,647	35,104	30,318	1,434	241	381	1,256	3,176	16,288	42,646
1976	65,276	8.9	58,530	6,746	34,777	30,499	1,366	205	355	1,158	3,065	16,103	43,024
1977	65,646	8.9	58,920	6,726	35,046	30,600	1,355	196	375	1,199	2,978	15,983	43,560
1978	65,161	8.9	58,778	6,683	34,722	30,439	1,145	207	332	1,153	2,898	15,419	44,007
1979	65,495	8.9	58,435	7,008	34,648	30,846	1,223	191	354	1,233	3,104	15,215	44,115
1980	68,762	9.3	61,310	7,384	35,926	32,834	1,201	190	273	1,255	3,125	15,154	47,498
1981	67,053	9.1	59,693	7,259	34,848	32,203	1,016	207	287	1,125	3,234	14,827	46,303
1982	67,471	9.1	59,978	7,451	34,967	32,504	1,153	194	276	1,069	3,166	14,663	46,899
1983	68,626	9.2	60,924	7,669	35,312	33,311	1,115	163	234	967	3,190	14,439	48,485
1984	68,944	9.2	60,955	7,948	35,323	33,616	1,090	170	245	913	3,431	14,067	48,993
1985	70,655	9.3	62,064	8,532	36,600	34,031	1,113	178	213	916	3,870	14,298	50,025
1986	71,299	9.4	62,472	8,767	36,313	34,974	1,055	182	242	919	4,324	13,675	50,856

Category totals may not add to total given because data of unknown race, sex, and age group are not shown.

TABLE-2

RESIDENT DEATHS -- BY CAUSE GROUP AND AGE
ALL RACES, BOTH SEXES
1986

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
OTHER INTESTINAL INFECTIONS (007-009)	3	0	0	0	0	0	0	3	0
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	61	0	0	0	0	16	16	29	0
TUBERCULOSIS, OTHER FORMS (013-018)	17	0	0	0	0	8	3	6	0
MENINGOCOCCAL INFECTION (036)	12	2	1	2	1	3	2	1	0
SEPTICEMIA (038)	991	13	3	4	6	45	136	783	1
SYPHILIS & ITS SEQUELAE (090-097)	2	0	0	0	0	1	0	1	0
INFEC/PARA DIS (1-3,5,20-35,37,39-68,98-139)	366	9	8	2	15	165	78	89	0
MALIGNANT NEOPLASMS (140-208)	17000	1	18	40	63	712	5073	11092	1
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	282	4	3	4	3	22	43	203	0
DIABETES MELLITUS (250)	1454	0	0	0	3	66	331	1054	0
NUTRITIONAL DEFICIENCIES (260-269)	70	0	0	0	0	0	3	67	0
ANEMIAS (280-285)	121	2	1	0	9	10	14	85	0
MENINGITIS (320-322)	29	6	0	1	0	2	7	13	0
DISEASES OF THE HEART (390-398,402,404-429)	27601	23	9	9	38	530	4462	22516	14
HYPERTENSION (401,403)	230	0	0	0	0	9	41	180	0
CEREBROVASCULAR DISEASE (430-438)	4372	1	0	3	11	120	531	3703	3
ATHEROSCLEROSIS (440)	626	0	0	0	0	1	51	572	2
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	726	0	0	1	2	17	114	592	0
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	23	4	1	1	0	0	1	16	0
PNEUMONIA & INFLUENZA (480-487)	2237	15	4	2	7	114	188	1905	2
CHRONIC & UNSPEC BRONCHITIS (490-491)	106	2	1	0	0	2	10	91	0
EMPHYSEMA (492)	458	0	0	0	0	2	80	376	0
ASTHMA (493)	90	2	0	2	3	9	26	48	0
ULCER OF STOMACH & DUODENUM (531-533)	209	0	0	0	1	7	37	164	0
APPENDICITIS (540-543)	17	0	0	0	0	1	5	11	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	161	5	1	0	0	1	19	135	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	1012	0	0	0	1	177	437	395	2
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	79	0	0	0	1	2	7	69	0
NEPHRITIS & NEPHROSIS (580-589)	894	4	0	0	3	32	129	726	0
INFECTIONS OF KIDNEY (590)	35	0	0	0	0	2	7	26	0
HYPERPLASIA OF PROSTRATE (600)	9	0	0	0	0	0	1	8	0
COMP OF PREGNANCY,BIRTH & PUERPERIUM(630-676)	10	0	0	0	4	5	0	1	0
CONGENITAL ANOMALIES (740-759)	381	222	30	18	8	27	30	45	1

TABLE-2 (Continued)

ALL RACES, BOTH SEXES
1986

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
EARLY INFANT MORTALITY (760-779)	557	549	3	0	0	1	0	3	1
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	485	117	7	7	25	96	51	179	3
MOTOR VEHICLE ACCIDENTS (E810-E825)	1029	4	13	66	288	321	162	175	0
OTHER ACCIDENTS (E800-E807,E826-E949)	1147	8	41	36	123	389	183	363	4
SUICIDE (E950-E959)	662	0	0	9	102	262	160	127	2
HOMICIDE & LEGAL INTERVENTION(E960-E978)	459	9	4	9	118	214	67	36	2
ALL OTHER EXTERNAL CAUSES (E980-E999)	127	2	2	0	18	64	23	14	4
RESIDUAL	7149	51	32	26	66	869	1147	4954	4
TOTAL	71299	1055	182	242	919	4324	13675	50856	46

WHITE - MALE
1986

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
OTHER INTESTINAL INFECTIONS (007-009)	2	0	0	0	0	0	0	2	0
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	20	0	0	0	0	4	6	10	0
TUBERCULOSIS, OTHER FORMS (013-018)	7	0	0	0	0	4	2	1	0
MENINGOCOCCAL INFECTION (036)	5	1	1	1	1	1	0	0	0
SEPTICEMIA (038)	346	3	2	2	3	11	53	271	1
SYPHILIS & ITS SEQUELAE (090-097)	1	0	0	0	0	1	0	0	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	155	2	3	1	8	65	38	38	0
MALIGNANT NEOPLASMS (140-208)	7779	0	11	14	29	260	2233	5232	0
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	121	1	1	0	2	12	23	82	0
DIABETES MELLITUS (250)	516	0	0	0	0	27	131	358	0
NUTRITIONAL DEFICIENCIES (260-269)	23	0	0	0	0	0	1	22	0
ANEMIAS (280-285)	43	0	0	0	3	0	5	35	0
MENINGITIS (320-322)	5	0	0	0	0	1	1	3	0

TABLE-2 (Continued)

WHITE - MALE

1986

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
DISEASES OF THE HEART (390-398,402,404-429)	12317	6	3	3	17	279	2710	9295	4
HYPERTENSION (401,403)	78	0	0	0	0	2	18	58	0
CEREBROVASCULAR DISEASE (430-438)	1501	0	0	2	5	40	213	1240	1
ATHEROSCLEROSIS (440)	209	0	0	0	0	1	24	183	1
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	398	0	0	1	1	6	64	326	0
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	11	2	1	0	0	0	1	7	0
PNEUMONIA & INFLUENZA (480-487)	926	5	2	1	4	38	83	792	1
CHRONIC & UNSPEC BRONCHITIS (490-491)	50	0	0	0	0	0	3	47	0
EMPHYSEMA (492)	246	0	0	0	0	2	39	205	0
ASTHMA (493)	24	0	0	1	1	3	6	13	0
ULCER OF STOMACH & DUODENUM (531-533)	91	0	0	0	0	1	16	74	0
APPENDICITIS (540-543)	10	0	0	0	0	0	3	7	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	51	1	0	0	0	0	8	42	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	554	0	0	0	1	80	240	233	0
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	33	0	0	0	1	0	5	27	0
NEPHRITIS & NEPHROSIS (580-589)	361	3	0	0	2	8	50	298	0
INFECTIONS OF KIDNEY (590)	8	0	0	0	0	0	4	4	0
HYPERPLASIA OF PROSTRATE (600)	7	0	0	0	0	0	1	6	0
CONGENITAL ANOMALIES (740-759)	156	89	14	7	3	12	12	18	1
EARLY INFANT MORTALITY (760-779)	190	185	1	0	0	1	0	3	0
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	184	37	5	0	11	42	25	62	2
MOTOR VEHICLE ACCIDENTS (E810-E825)	601	0	4	40	192	199	80	86	0
OTHER ACCIDENTS (E800-E807,E826-E949)	609	2	25	12	86	228	102	153	1
SUICIDE (E950-E959)	467	0	0	5	81	192	97	91	1
HOMICIDE & LEGAL INTERVENTION(E960-E978)	153	3	1	2	34	69	26	18	0
ALL OTHER EXTERNAL CAUSES (E980-E999)	57	1	0	0	10	35	6	5	0
RESIDUAL	3062	15	17	8	31	334	526	2130	1
*TOTAL DEATHS WHITE - MALE	31377	356	91	100	526	1958	6855	21477	14

TABLE-2 (Continued)

WHITE - FEMALE

1986

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
OTHER INTESTINAL INFECTIONS (007-009)	1	0	0	0	0	0	0	1	0
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	14	0	0	0	0	1	1	12	0
TUBERCULOSIS, OTHER FORMS (013-018)	4	0	0	0	0	0	1	3	0
MENINGOCOCCAL INFECTION (036)	5	1	0	1	0	1	1	1	0
SEPTICEMIA (038)	478	3	1	2	3	9	32	428	0
SYPHILIS & ITS SEQUELAE (090-097)	1	0	0	0	0	0	0	1	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	76	2	1	0	2	12	14	45	0
MALIGNANT NEOPLASMS (140-208)	7366	0	6	19	16	305	2096	4924	0
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	126	3	1	4	0	5	13	100	0
DIABETES MELLITUS (250)	677	0	0	0	1	13	108	555	0
NUTRITIONAL DEFICIENCIES (260-269)	40	0	0	0	0	0	2	38	0
ANEMIAS (280-285)	54	1	1	0	2	1	6	43	0
MENINGITIS (320-322)	12	1	0	1	0	0	3	7	0
DISEASES OF THE HEART (390-398,402,404-429)	12770	7	2	2	6	78	1034	11636	5
HYPERTENSION (401,403)	110	0	0	0	0	1	8	101	0
CEREBROVASCULAR DISEASE (430-438)	2354	1	0	1	2	41	183	2125	1
ATHEROSCLEROSIS (440)	371	0	0	0	0	0	18	352	1
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	261	0	0	0	1	6	29	225	0
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	6	1	0	0	0	0	0	5	0
PNEUMONIA & INFLUENZA (480-487)	1046	4	1	0	1	20	48	971	1
CHRONIC & UNSPEC BRONCHITIS (490-491)	43	2	0	0	0	0	6	35	0
EMPHYSEMA (492)	188	0	0	0	0	0	34	154	0
ASTHMA (493)	41	0	0	1	0	3	13	24	0
ULCER OF STOMACH & DUODENUM (531-533)	101	0	0	0	1	2	15	83	0
APPENDICITIS (540-543)	4	0	0	0	0	1	0	3	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	85	2	0	0	0	0	6	77	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	284	0	0	0	0	30	117	136	1
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	40	0	0	0	0	1	1	38	0
NEPHRITIS & NEPHROSIS (580-589)	381	1	0	0	0	4	39	337	0
INFECTIONS OF KIDNEY (590)	23	0	0	0	0	0	2	21	0
COMP OF PREGNANCY,BIRTH & PUERPERIUM(630-676)	3	0	0	0	1	1	0	1	0
CONGENITAL ANOMALIES (740-759)	135	77	9	6	2	7	13	21	0
EARLY INFANT MORTALITY (760-779)	138	138	0	0	0	0	0	0	0

TABLE-2 (Continued)

WHITE - FEMALE
1986

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	144	19	1	2	7	7	16	92	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	274	2	4	13	55	74	53	73	0
OTHER ACCIDENTS (E800-E807,E826-E949)	305	3	11	4	17	52	31	186	1
SUICIDE (E950-E959)	139	0	0	2	13	43	54	27	0
HOMICIDE & LEGAL INTERVENTION(E960-E978)	59	0	0	1	15	24	11	7	1
ALL OTHER EXTERNAL CAUSES (E980-E999)	22	0	0	0	2	5	9	6	0
RESIDUAL	2904	17	6	9	16	106	335	2415	0
*TOTAL DEATHS WHITE - FEMALE	31085	285	44	68	163	853	4352	25309	11

BLACK - MALE
1986

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	23	0	0	0	0	10	8	5	0
TUBERCULOSIS, OTHER FORMS (013-018)	3	0	0	0	0	3	0	0	0
MENINGOCOCCAL INFECTION (036)	1	0	0	0	0	0	1	0	0
SEPTICEMIA (038)	92	3	0	0	0	18	29	42	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	89	4	1	1	3	64	13	3	0
MALIGNANT NEOPLASMS (140-208)	952	0	1	5	12	60	385	489	0
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	13	0	1	0	1	2	1	8	0
DIABETES MELLITUS (250)	102	0	0	0	1	15	43	43	0
NUTRITIONAL DEFICIENCIES (260-269)	2	0	0	0	0	0	0	2	0
ANEMIAS (280-285)	11	0	0	0	1	6	1	3	0
MENINGITIS (320-322)	7	3	0	0	0	0	2	2	0
DISEASES OF THE HEART (390-398,402,404-429)	1204	5	0	2	6	114	428	646	3
HYPERTENSION (401,403)	16	0	0	0	0	3	7	6	0
CEREBROVASCULAR DISEASE (430-438)	222	0	0	0	0	21	64	136	1
ATHEROSCLEROSIS (440)	21	0	0	0	0	0	8	13	0

TABLE-2 (Continued)

BLACK - MALE
1966

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	30	0	0	0	0	2	12	16	0
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	3	1	0	0	0	0	0	2	0
PNEUMONIA & INFLUENZA (480-487)	153	3	0	1	2	32	39	76	0
CHRONIC & UNSPEC BRONCHITIS (490-491)	6	0	0	0	0	2	0	4	0
EMPHYSEMA (492)	15	0	0	0	0	0	4	11	0
ASTHMA (493)	6	1	0	0	1	0	1	3	0
ULCER OF STOMACH & DUODENUM (531-533)	9	0	0	0	0	4	3	2	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	10	1	0	0	0	0	3	6	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	109	0	0	0	0	44	52	12	1
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	1	0	0	0	0	0	1	0	0
NEPHRITIS & NEPHROSIS (580-589)	74	0	0	0	1	11	29	33	0
INFECTIONS OF KIDNEY (590)	2	0	0	0	0	1	0	1	0
HYPERPLASIA OF PROSTRATE (600)	2	0	0	0	0	0	0	2	0
CONGENITAL ANOMALIES (740-759)	38	27	0	1	2	4	2	2	0
EARLY INFANT MORTALITY (760-779)	132	129	2	0	0	0	0	0	1
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	92	35	0	3	6	33	4	11	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	105	0	4	6	31	31	21	12	0
OTHER ACCIDENTS (E800-E807,E826-E949)	162	2	1	12	15	83	35	12	2
SUICIDE (E950-E959)	39	0	0	2	5	19	5	7	1
HOMICIDE & LEGAL INTERVENTION(E960-E978)	176	4	1	5	46	94	20	6	0
ALL OTHER EXTERNAL CAUSES (E980-E999)	30	1	1	0	5	17	5	1	0
RESIDUAL	708	11	4	5	11	288	195	192	2
*TOTAL DEATHS BLACK - MALE	4660	230	16	43	149	981	1421	1809	11

TABLE-2 (Continued)

BLACK - FEMALE
1986

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	4	0	0	0	0	1	1	2	0
TUBERCULOSIS, OTHER FORMS (013-018)	3	0	0	0	0	1	0	2	0
SEPTICEMIA (038)	72	4	0	0	0	7	20	41	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	41	1	3	0	2	22	11	2	0
MALIGNANT NEOPLASMS (140-208)	765	1	0	1	4	71	309	378	1
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	19	0	0	0	0	2	5	12	0
DIABETES MELLITUS (250)	142	0	0	0	1	11	44	86	0
NUTRITIONAL DEFICIENCIES (260-269)	5	0	0	0	0	0	0	5	0
ANEMIAS (280-285)	12	1	0	0	3	3	2	3	0
MENINGITIS (320-322)	5	2	0	0	0	1	1	1	0
DISEASES OF THE HEART (390-398,402,404-429)	1180	5	4	1	9	54	256	849	2
HYPERTENSION (401,403)	24	0	0	0	0	3	8	13	0
CEREBROVASCULAR DISEASE (430-438)	272	0	0	0	4	18	65	185	0
ATHEROSCLEROSIS (440)	23	0	0	0	0	0	1	22	0
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	33	0	0	0	0	3	9	21	0
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	3	0	0	1	0	0	0	2	0
PNEUMONIA & INFLUENZA (480-487)	103	3	1	0	0	23	16	60	0
CHRONIC & UNSPEC BRONCHITIS (490-491)	5	0	1	0	0	0	0	4	0
EMPHYSEMA (492)	7	0	0	0	0	0	3	4	0
ASTHMA (493)	17	1	0	0	1	3	6	6	0
ULCER OF STOMACH & DUODENUM (531-533)	6	0	0	0	0	0	2	4	0
APPENDICITIS (540-543)	3	0	0	0	0	0	2	1	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	14	1	1	0	0	1	2	9	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	58	0	0	0	0	22	23	13	0
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	4	0	0	0	0	1	0	3	0
NEPHRITIS & NEPHROSIS (580-589)	75	0	0	0	0	9	10	56	0
INFECTIONS OF KIDNEY (590)	2	0	0	0	0	1	1	0	0
COMP OF PREGNANCY,BIRTH & PUERPERIUM(630-676)	6	0	0	0	2	4	0	0	0
CONGENITAL ANOMALIES (740-759)	36	17	6	2	1	4	3	3	0
EARLY INFANT MORTALITY (760-779)	80	80	0	0	0	0	0	0	0

TABLE-2 (Continued)

BLACK - FEMALE
1986

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE							
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNK
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	52	22	1	2	1	11	4	11	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	33	1	1	4	6	14	3	4	0
OTHER ACCIDENTS (E800-E807,E826-E949)	60	1	3	7	3	24	13	9	0
SUICIDE (E950-E959)	11	0	0	0	2	6	2	1	0
HOMICIDE & LEGAL INTERVENTION(E960-E978)	63	2	2	1	22	24	7	5	0
ALL OTHER EXTERNAL CAUSES (E980-E999)	12	0	1	0	1	7	2	1	0
RESIDUAL	429	7	5	3	6	128	82	197	1
*TOTAL DEATHS BLACK - FEMALE	3679	149	29	22	68	479	913	2015	4

TABLE-2 (Continued)
OTHER - MALE
1986

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
MENINGOCOCCAL INFECTION (036)	1	0	0	0	0	1	0	0	0
SEPTICEMIA (038)	1	0	0	0	0	0	1	0	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	2	0	0	0	0	1	1	0	0
MALIGNANT NEOPLASMS (140-208)	60	0	0	1	2	5	20	32	0
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	1	0	0	0	0	0	0	1	0
DIABETES MELLITUS (250)	7	0	0	0	0	0	0	7	0
ANEMIAS (280-285)	1	0	0	0	0	0	0	1	0
DISEASES OF THE HEART (390-398,402,404-429)	63	0	0	1	0	4	20	38	0
CEREBROVASCULAR DISEASE (430-438)	10	0	0	0	0	0	4	6	0
ATHEROSCLEROSIS (440)	1	0	0	0	0	0	0	1	0
ARTERY,ARTERIOLES & CAPILLARY DIS (441-443)	2	0	0	0	0	0	0	2	0
PNEUMONIA & INFLUENZA (480-487)	5	0	0	0	0	0	2	3	0
CHRONIC & UNSPEC BRONCHITIS (490-491)	2	0	0	0	0	0	1	1	0
EMPHYSEMA (492)	2	0	0	0	0	0	0	2	0
ULCER OF STOMACH & DUODENUM (531-533)	2	0	0	0	0	0	1	1	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	1	0	0	0	0	0	0	1	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	2	0	0	0	0	0	2	0	0
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	1	0	0	0	0	0	0	1	0
NEPHRITIS & NEPHROSIS (580-589)	2	0	0	0	0	0	1	1	0
CONGENITAL ANOMALIES (740-759)	13	10	1	1	0	0	0	1	0
EARLY INFANT MORTALITY (760-779)	6	6	0	0	0	0	0	0	0
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	7	2	0	0	0	2	1	2	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	9	0	0	2	3	3	1	0	0
OTHER ACCIDENTS (E800-E807,E826-E949)	7	0	0	1	2	1	1	2	0
SUICIDE (E950-E959)	4	0	0	0	1	1	2	0	0
HOMICIDE & LEGAL INTERVENTION(E960-E978)	3	0	0	0	1	1	1	0	0
ALL OTHER EXTERNAL CAUSES (E980-E999)	1	0	0	0	0	0	0	1	0
RESIDUAL	25	0	0	1	2	12	4	6	0
*TOTAL DEATHS OTHER - MALE	241	18	1	7	11	31	63	110	0

TABLE-2 (Continued)

OTHER - FEMALE

1986

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	2	0	0	0	0	1	0	1	0
MALIGNANT NEOPLASMS (140-208)	62	0	0	0	0	11	24	27	0
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	1	0	0	0	0	1	0	0	0
DIABETES MELLITUS (250)	10	0	0	0	0	0	5	5	0
DISEASES OF THE HEART (390-398,402,404-429)	50	0	0	0	0	0	11	39	0
HYPERTENSION (401,403)	1	0	0	0	0	0	0	1	0
CEREBROVASCULAR DISEASE (430-438)	11	0	0	0	0	0	2	9	0
ATHEROSCLEROSIS (440)	1	0	0	0	0	0	0	1	0
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	2	0	0	0	0	0	0	2	0
PNEUMONIA & INFLUENZA (480-487)	3	0	0	0	0	0	0	3	0
ASTHMA (493)	1	0	0	0	0	0	0	1	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	3	0	0	0	0	0	2	1	0
NEPHRITIS & NEPHROSIS (580-589)	1	0	0	0	0	0	0	1	0
COMP OF PREGNANCY,BIRTH & PUERPERIUM(630-676)	1	0	0	0	1	0	0	0	0
CONGENITAL ANOMALIES (740-759)	2	1	0	1	0	0	0	0	0
EARLY INFANT MORTALITY (760-779)	2	2	0	0	0	0	0	0	0
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	2	1	0	0	0	1	0	0	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	7	1	0	1	1	0	4	0	0
OTHER ACCIDENTS (E800-E807,E826-E949)	4	0	1	0	0	1	1	1	0
SUICIDE (E950-E959)	1	0	0	0	0	0	0	1	0
HOMICIDE & LEGAL INTERVENTION(E960-E978)	3	0	0	0	0	2	1	0	0
ALL OTHER EXTERNAL CAUSES (E980-E999)	1	0	0	0	0	0	1	0	0
RESIDUAL	14	1	0	0	0	1	3	9	0
*TOTAL DEATHS OTHER - FEMALE	185	6	1	2	2	18	54	102	0

TABLE-2 (Continued)

UNKNOWN - MALE
1986

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
SEPTICEMIA (038)	2	0	0	0	0	0	1	1	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	1	0	0	0	0	0	1	0	0
MALIGNANT NEOPLASMS (140-208)	5	0	0	0	0	0	2	3	0
DISEASES OF THE HEART (390-398,402,404-429)	6	0	0	0	0	1	1	4	0
PNEUMONIA & INFLUENZA (480-487)	1	0	0	0	0	1	0	0	0
ASTHMA (493)	1	0	0	0	0	0	0	1	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	2	0	0	0	0	1	1	0	0
CONGENITAL ANOMALIES (740-759)	1	1	0	0	0	0	0	0	0
EARLY INFANT MORTALITY (760-779)	5	5	0	0	0	0	0	0	0
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	3	0	0	0	0	0	1	1	1
HOMICIDE & LEGAL INTERVENTION(E960-E978)	2	0	0	0	0	0	1	0	1
ALL OTHER EXTERNAL CAUSES (E980-E999)	4	0	0	0	0	0	0	0	4
RESIDUAL	2	0	0	0	0	0	2	0	0
*TOTAL DEATHS UNKNOWN - MALE	35	6	0	0	0	3	10	10	6

UNKNOWN - FEMALE
1986

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
MALIGNANT NEOPLASMS (140-208)	6	0	0	0	0	0	2	4	0
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	1	0	0	0	0	0	1	0	0
DISEASES OF THE HEART (390-398,402,404-429)	7	0	0	0	0	0	2	5	0
CEREBROVASCULAR DISEASE (430-438)	2	0	0	0	0	0	0	2	0
EARLY INFANT MORTALITY (760-779)	3	3	0	0	0	0	0	0	0
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	1	1	0	0	0	0	0	0	0
SUICIDE (E950-E959)	1	0	0	0	0	1	0	0	0
RESIDUAL	4	0	0	0	0	0	0	4	0
*TOTAL DEATHS UNKNOWN - FEMALE	25	4	0	0	0	1	5	15	0

TABLE-2 (Continued)

WHITE - UNKNOWN SEX
1986

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
MALIGNANT NEOPLASMS (140-208)	4	0	0	0	0	0	2	2	0
DISEASES OF THE HEART (390-398,402,404-429)	3	0	0	0	0	0	0	3	0
HYPERTENSION (401,403)	1	0	0	0	0	0	0	1	0
EARLY INFANT MORTALITY (760-779)	1	1	0	0	0	0	0	0	0
RESIDUAL	1	0	0	0	0	0	0	1	0
*TOTAL DEATHS WHITE - UNKNOWN SEX	10	1	0	0	0	0	2	7	0

BLACK - UNKNOWN SEX
1986

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
MALIGNANT NEOPLASMS (140-208)	1	0	0	0	0	0	0	1	0
DISEASES OF THE HEART (390-398,402,404-429)	1	0	0	0	0	0	0	1	0
*TOTAL DEATHS BLACK - UNKNOWN SEX	2	0	0	0	0	0	0	2	0
TOTAL	71299	1055	182	242	919	4324	13675	50856	46

TABLE-3

RESIDENT DEATHS -- MALIGNANT NEOPLASMS
BY AGE GROUP
1986

		AGE GROUP							
CAUSE	TOTAL	<1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
A	306	0	0	0	0	15	125	166	0
B	4449	0	1	0	4	91	1139	3214	0
C	4628	0	2	0	3	122	1656	2845	0
D	1610	0	0	0	0	117	607	886	0
E	1860	0	0	0	6	94	416	1343	1
F	699	0	0	0	4	16	151	528	0
G	1969	1	9	18	18	129	609	1185	0
H	579	0	4	21	9	53	121	371	0
I	900	0	2	1	19	75	249	554	0
TOTAL	17000	1	18	40	63	712	5073	11092	1

** CAUSE OF DEATH AND RELATED ICD-9 CODES **

A = LIP, ORAL CAVITY, AND PHARYNX (140-149)
B = DIGESTIVE ORGANS AND PERITONEUM (150-159)
C = RESPIRATORY AND INTRATHORACIC ORGANS (160-165)
D = BREAST (174-175)
E = GENITAL ORGANS (179-187)
F = URINARY ORGANS (188-189)
G = ALL OTHER AND UNSPECIFIED SITES (170-173, 190-199)
H = LEUKEMIA (204-208)
I = OTHER LYMPHATIC AND HEMATOPOIETIC TISSUES (200-203)

TABLE-4

RESIDENT DEATHS -- MALIGNANT NEOPLASMS
BY RACE AND SEX
1986

	TOTAL	TOTAL			WHITE			BLACK			OTHER		
CAUSE	TOTAL	MALE	FEMALE	UNKN	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
A	306	202	104	0	261	172	89	44	30	14	1	0	1
B	4449	2371	2076	2	3984	2116	1867	433	239	193	32	16	16
C	4628	3043	1584	1	4076	2665	1410	518	360	158	34	18	16
D	1610	7	1603	0	1466	5	1461	132	2	130	12	0	12
E	1860	943	917	0	1600	807	793	248	132	116	12	4	8
F	699	442	257	0	642	413	229	52	26	26	5	3	2
G	1969	1023	946	0	1776	920	856	174	92	82	19	11	8
H	579	305	274	0	527	276	251	49	28	21	3	1	2
I	900	460	438	2	816	404	410	69	44	25	15	12	3
TOTAL	17000	8796	8199	5	15148	7778	7366	1719	953	765	133	65	68

** CAUSE OF DEATH AND RELATED ICD-9 CODES **

A = LIP, ORAL CAVITY, AND PHARYNX (140-149)
B = DIGESTIVE ORGANS AND PERITONEUM (150-159)
C = RESPIRATORY AND INTRATHORACIC ORGANS (160-165)
D = BREAST (174-175)
E = GENITAL ORGANS (179-187)
F = URINARY ORGANS (188-189)
G = ALL OTHER AND UNSPECIFIED SITES (170-173, 190-199)
H = LEUKEMIA (204-208)
I = OTHER LYMPHATIC AND HEMATOPOIETIC TISSUES (200-203)

TABLE-5

RESIDENT DEATHS -- BY CAUSE AND COUNTY
1986

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	COUNTY 1	2	3	4	5	6	7
OTHER INTESTINAL INFECTIONS (007-009)	3	0	0	1	0	0	0	1
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	61	3	4	1	0	1	1	15
TUBERCULOSIS, OTHER FORMS (013-018)	17	4	3	0	0	1	0	4
MENINGOCOCCAL INFECTION (036)	12	1	1	0	3	0	0	0
SEPTICEMIA (038)	991	39	93	38	72	16	17	154
SYPHILIS & ITS SEQUELAE (090-097)	2	0	0	0	0	0	0	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	366	10	30	12	16	1	4	72
MALIGNANT NEOPLASMS (140-208)	17000	523	2015	659	1063	303	293	1819
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	282	12	39	8	12	2	2	29
DIABETES MELLITUS (250)	1454	38	146	45	104	17	35	178
NUTRITIONAL DEFICIENCIES (260-269)	70	5	4	0	2	3	6	3
ANEMIAS (280-285)	121	6	12	3	6	2	3	22
MENINGITIS (320-322)	29	2	2	2	2	0	1	6
DISEASES OF THE HEART (390-398,402,404-429)	27601	938	3302	1023	1743	454	576	2971
HYPERTENSION (401,403)	230	3	27	9	17	7	6	27
CEREBROVASCULAR DISEASE (430-438)	4372	162	512	189	272	89	79	529
ARTERIOSCLEROSIS (440)	626	46	60	20	29	12	6	60
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	726	26	92	25	38	16	12	63
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	23	0	0	0	6	0	0	1
PNEUMONIA & INFLUENZA (480-487)	2237	70	219	92	146	21	39	300
CHRONIC & UNSPEC BRONCHITIS (490-491)	106	3	17	7	9	4	1	11
EMPHYSEMA (492)	458	19	47	20	27	8	6	39
ASTHMA (493)	90	1	14	0	7	0	0	15
ULCER OF STOMACH & DUODENUM (531-533)	209	4	26	12	7	2	3	25
APPENDICITIS (540-543)	17	1	0	2	5	1	1	2
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	161	4	13	10	9	3	3	18
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	1012	36	97	34	59	26	10	139
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	79	3	9	4	4	1	0	9
NEPHRITIS & NEPHROSIS (580-589)	894	38	73	36	65	21	23	131

** COUNTIES **

1= ATLANTIC	3= BURLINGTON	5= CAPE MAY	7= ESSEX
2= BERGEN	4= CAMDEN	6= CUMBERLAND	

TABLE-5 (Continued)

1966

		COUNTY						
CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	1	2	3	4	5	6	7
INFECTIONS OF KIDNEY (590)	35	0	6	1	2	0	0	3
HYPERPLASIA OF PROSTRATE (600)	9	1	2	0	0	0	0	2
COMP OF PREGNANCY, BIRTH & PUERPERIUM(630-676)	10	0	0	1	0	0	0	1
CONGENITAL ANOMALIES (740-759)	381	15	34	23	35	4	6	51
EARLY INFANT MORTALITY (760-779)	557	19	35	26	46	3	23	87
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	485	19	56	21	39	15	10	81
MOTOR VEHICLE ACCIDENTS (E810-E825)	1029	47	75	75	85	24	42	72
OTHER ACCIDENTS (E800-E807, E826-E949)	1147	36	108	54	72	20	18	142
SUICIDE (E950-E959)	662	24	71	21	52	10	12	75
HOMICIDE & LEGAL INTERVENTION(E960-E978)	459	14	12	3	39	2	10	185
ALL OTHER EXTERNAL CAUSES (E980-E999)	127	7	19	8	5	0	1	36
RESIDUAL	7149	229	680	275	446	120	130	1023
TOTAL	71299	2408	7955	2760	4544	1209	1379	8401

** COUNTIES **

1= ATLANTIC
2= BERGEN
3= BURLINGTON
4= CAMDEN
5= CAPE MAY
6= CUMBERLAND
7= ESSEX

TABLE-5 (Continued)

1966

CAUSE GROUP AND RELATED ICD-9 CODES	COUNTY 8	9	10	11	12	13	14	15
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	1	9	0	0	3	7	1	3
TUBERCULOSIS, OTHER FORMS (013-018)	0	2	0	0	0	0	1	0
MENINGOCOCCAL INFECTION (036)	1	1	1	0	1	0	2	0
SEPTICEMIA (038)	15	94	7	26	67	75	25	84
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	8	49	2	10	28	23	10	15
MALIGNANT NEOPLASMS (140-208)	405	1273	192	668	1268	1234	755	1349
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	5	19	2	11	36	18	15	21
DIABETES MELLITUS (250)	29	126	15	62	110	111	51	89
NUTRITIONAL DEFICIENCIES (260-269)	6	1	1	2	5	4	5	8
ANEMIAS (280-285)	4	11	2	2	7	9	4	7
MENINGITIS (320-322)	0	2	0	4	2	1	0	1
DISEASES OF THE HEART (390-398,402,404-429)	653	2139	243	1166	1848	1898	1121	2295
HYPERTENSION (401,403)	5	12	2	12	15	17	11	14
CEREBROVASCULAR DISEASE (430-438)	98	369	46	150	238	318	187	333
ARTERIOSCLEROSIS (440)	50	21	5	19	91	88	15	32
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	33	47	6	38	57	50	24	49
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	1	4	0	3	2	1	1	1
PNEUMONIA & INFLUENZA (480-487)	44	181	31	103	147	172	121	131
CHRONIC & UNSPEC BRONCHITIS (490-491)	0	6	1	4	6	8	2	7
EMPHYSEMA (492)	7	41	6	23	30	28	24	45
ASTHMA (493)	2	9	0	4	3	7	5	3
ULCER OF STOMACH & DUODENUM (531-533)	2	21	3	9	8	11	13	17
APPENDICITIS (540-543)	0	1	0	1	1	0	2	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	4	17	0	7	16	8	6	6
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	15	114	4	39	61	68	37	66
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	0	7	1	3	4	5	1	12
NEPHRITIS & NEPHROSIS (580-589)	16	103	9	28	60	57	25	68
INFECTIONS OF KIDNEY (590)	0	5	0	1	6	3	0	0
HYPERPLASIA OF PROSTRATE (600)	0	1	0	0	1	0	2	0

** COUNTIES **

8= GLOUCESTER 10= HUNTERDON 12= MIDDLESEX 14= MORRIS
9= HUDSON 11= MERCER 13= MONMOUTH 15= OCEAN

TABLE-5 (Continued)

1986

CAUSE GROUP AND RELATED ICD-9 CODES	COUNTY 8	9	10	11	12	13	14	15
COMP OF PREGNANCY,BIRTH & PUERPERIUM(630-676)	0	4	0	0	0	1	0	1
CONGENITAL ANOMALIES (740-759)	9	25	4	12	29	21	16	21
EARLY INFANT MORTALITY (760-779)	17	57	4	25	37	35	21	27
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	10	38	7	20	30	15	13	19
MOTOR VEHICLE ACCIDENTS (E810-E825)	32	60	20	39	83	68	51	67
OTHER ACCIDENTS (E800-E807,E826-E949)	34	103	9	78	110	68	49	44
SUICIDE (E950-E959)	26	46	8	28	58	43	35	44
HOMICIDE & LEGAL INTERVENTION(E960-E978)	9	51	2	18	15	13	9	10
ALL OTHER EXTERNAL CAUSES (E980-E999)	3	19	0	5	3	5	1	4
RESIDUAL	167	662	59	317	471	511	279	472
TOTAL	1711	5750	692	2937	4957	5001	2940	5365

** COUNTIES **
8= GLOUCESTER
9= HUDSON
10= HUNTERDON
11= MERCER
12= MIDDLESEX
13= MONMOUTH
14= MORRIS
15= OCEAN

TABLE-5 (Continued)

1986

CAUSE GROUP AND RELATED ICD-9 CODES	COUNTY 16	17	18	19	20	21	22	23
OTHER INTESTINAL INFECTIONS (007-009)	0	0	0	0	1	0	0	0
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	3	0	2	0	7	0	0	0
TUBERCULOSIS, OTHER FORMS (013-018)	0	0	0	0	2	0	0	0
MENINGOCOCCAL INFECTION (036)	0	0	0	0	0	1	0	0
SEPTICEMIA (038)	46	4	28	10	72	8	1	0
SYPHILIS & ITS SEQUELAE (090-097)	1	0	0	0	1	0	0	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	24	2	8	2	36	4	0	0
MALIGNANT NEOPLASMS (140-208)	950	143	411	204	1269	199	1	4
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	12	2	6	2	24	5	0	0
DIABETES MELLITUS (250)	133	12	24	6	114	9	0	0
NUTRITIONAL DEFICIENCIES (260-269)	4	1	1	2	5	2	0	0
ANEMIAS (280-285)	5	0	6	2	6	2	0	0
MENINGITIS (320-322)	1	1	0	0	2	0	0	0
DISEASES OF THE HEART (390-398,402,404-429)	1738	259	631	306	1951	340	3	3
HYPERTENSION (401,403)	17	3	1	4	17	4	0	0
CEREBROVASCULAR DISEASE (430-438)	242	38	103	56	313	47	1	1
ARTERIOSCLEROSIS (440)	24	2	9	11	21	5	0	0
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	38	10	14	13	59	16	0	0
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	1	0	0	0	1	1	0	0
PNEUMONIA & INFLUENZA (480-487)	156	24	40	32	141	27	0	0
CHRONIC & UNSPEC BRONCHITIS (490-491)	5	1	4	2	7	1	0	0
EMPHYSEMA (492)	30	7	6	7	33	5	0	0
ASTHMA (493)	7	0	1	1	6	5	0	0
ULCER OF STOMACH & DUODENUM (531-533)	20	4	4	2	13	3	0	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	16	5	5	1	8	2	0	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	80	6	20	9	78	13	0	1
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	8	0	0	0	7	1	0	0
NEPHRITIS & NEPHROSIS (580-589)	56	9	11	8	47	10	0	0
INFECTIONS OF KIDNEY (590)	0	0	1	3	3	1	0	0

** COUNTIES **

16= PASSAIC	18= SOMERSET	20= UNION	22= STATE INST
17= SALEM	19= SUSSEX	21= WARREN	23= MILITARY

TABLE-5 (Continued)

1986

CAUSE GROUP AND RELATED ICD-9 CODES	COUNTY 16	17	18	19	20	21	22	23
COMP OF PREGNANCY,BIRTH & PUERPERIUM(630-676)	0	0	1	0	1	0	0	0
CONGENITAL ANOMALIES (740-759)	23	3	10	5	30	5	0	0
EARLY INFANT MORTALITY (760-779)	37	6	12	6	26	6	0	2
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	32	6	7	4	39	4	0	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	47	16	32	24	48	22	0	0
OTHER ACCIDENTS (E800-E807,E826-E949)	43	8	30	16	86	19	0	0
SUICIDE (E950-E959)	42	5	14	4	34	9	1	0
HOMICIDE & LEGAL INTERVENTION(E960-E978)	31	0	2	1	31	2	0	0
ALL OTHER EXTERNAL CAUSES (E980-E999)	7	0	0	1	2	1	0	0
RESIDUAL	419	58	133	116	503	75	2	2
TOTAL	4298	635	1577	860	5044	854	9	13

** COUNTIES **

16= PASSAIC
17= SALEM
18= SOMERSET
19= SUSSEX
20= UNION
21= WARREN
22= STATE INST
23= MILITARY

TABLE-6

RESIDENT DEATHS BY MONTH
1986

COUNTY OF RESIDENCE	TOTAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	UNKN
ATLANTIC	2408	240	206	191	187	206	185	201	186	192	199	206	209	0
BERGEN	7955	736	653	729	648	638	589	614	631	613	661	679	764	0
BURLINGTON	2760	258	249	234	226	212	192	235	239	231	206	218	260	0
CAMDEN	4544	483	383	417	357	353	355	326	383	315	380	388	404	0
CAPE MAY	1209	115	107	114	84	99	113	98	97	81	106	89	106	0
CUMBERLAND	1379	135	124	127	113	103	114	113	101	97	112	112	128	0
ESSEX	8401	757	720	723	676	720	654	723	621	703	641	704	759	0
GLOUCESTER	1711	187	151	155	132	137	133	126	130	140	149	133	138	0
HUDSON	5750	567	520	522	459	462	436	430	452	456	432	497	517	0
HUNTERDON	692	67	45	50	62	52	61	66	61	64	57	57	50	0
MERCER	2937	288	218	256	248	242	230	241	227	257	229	246	255	0
MIDDLESEX	4957	434	425	474	380	405	392	386	390	372	380	431	488	0
MONMOUTH	5001	442	422	448	420	409	384	406	394	392	409	424	451	0
MORRIS	2940	287	277	270	214	220	218	237	211	221	227	265	293	0
OCEAN	5365	500	414	504	442	462	403	448	398	445	434	430	480	0
PASSAIC	4298	398	389	392	349	344	306	346	341	347	349	356	381	0
SALEM	635	62	55	57	52	58	69	57	41	46	37	49	52	0
SOMERSET	1577	155	133	129	127	121	120	133	104	124	134	145	152	0
SUSSEX	860	75	63	93	75	73	75	64	69	62	80	61	70	0
UNION	5044	486	407	464	428	411	383	394	402	364	415	426	464	0
WARREN	854	83	69	80	64	65	70	70	52	68	66	79	88	0
STATE INST	9	1	3	1	1	1	0	0	1	0	0	0	1	0
MILITARY	13	1	2	1	1	1	1	0	2	1	2	0	1	0
TOTAL	71299	6757	6035	6431	5745	5794	5488	5714	5533	5591	5705	5995	6511	0

TABLE-7

RESIDENT DEATHS -- BY COUNTY AND AGE
1986

COUNTY OF RESIDENCE	TOTAL	AGE GROUP <1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
ATLANTIC	2408	41	9	10	32	120	453	1740	3
BERGEN	7955	60	14	14	75	364	1444	5984	0
BURLINGTON	2760	50	11	20	48	152	566	1912	1
CAMDEN	4544	95	14	26	56	236	921	3195	1
CAPE MAY	1209	8	2	3	18	39	188	951	0
CUMBERLAND	1379	36	3	5	30	81	267	957	0
ESSEX	8401	169	29	30	138	876	1769	5371	19
GLOUCESTER	1711	29	7	4	30	85	345	1208	3
HUDSON	5750	106	12	17	75	530	1130	3870	10
HUNTERDON	692	10	2	1	6	41	129	502	1
MERCER	2937	50	8	12	37	196	564	2069	1
MIDDLESEX	4957	69	14	18	70	286	1108	3390	2
MONMOUTH	5001	65	5	14	53	232	950	3680	2
MORRIS	2940	41	6	9	42	161	581	2100	0
OCEAN	5365	42	12	11	50	147	712	4391	0
PASSAIC	4298	71	10	24	47	312	801	3031	2
SALEM	635	14	1	3	8	20	127	462	0
SOMERSET	1577	18	4	4	24	83	355	1088	1
SUSSEX	860	13	3	4	12	50	157	621	0
UNION	5044	54	10	10	50	279	962	3679	0
WARREN	854	12	5	3	17	33	143	641	0
STATE INST	9	0	0	0	1	0	1	7	0
MILITARY	13	2	1	0	0	1	2	7	0
TOTAL	71299	1055	132	242	919	4324	13675	50856	46

TABLE-8

RESIDENT DEATHS -- BY COUNTY, SEX, AND AGE
1986

COUNTY OF RESIDENCE	TOTAL	MALE							
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
ATLANTIC	1232	23	6	7	21	78	275	820	2
BERGEN	3902	30	8	9	54	248	874	2679	0
BURLINGTON	1416	33	6	12	39	98	341	886	1
CAMDEN	2305	52	10	14	39	163	572	1455	0
CAPE MAY	631	5	1	1	14	30	130	450	0
CUMBERLAND	744	19	3	4	23	61	165	469	0
ESSEX	4293	96	14	21	100	602	1061	2384	15
GLOUCESTER	882	17	6	3	26	58	210	560	2
HUDSON	2991	64	9	11	55	383	687	1773	9
HUNTERDON	349	4	1	1	4	23	74	241	1
MERCER	1480	32	5	7	30	132	352	922	0
MIDDLESEX	2651	42	10	11	53	201	689	1645	0
MONMOUTH	2480	43	3	8	38	163	584	1641	0
MORRIS	1391	20	3	5	35	96	357	875	0
OCEAN	2889	22	9	8	37	101	441	2271	0
PASSAIC	2142	39	4	14	30	219	466	1370	0
SALEM	319	10	1	0	6	14	73	215	0
SOMERSET	809	15	2	3	16	55	221	496	1
SUSSEX	431	10	1	3	9	30	95	283	0
UNION	2527	25	4	7	44	197	586	1664	0
WARREN	433	8	2	1	12	21	93	296	0
STATE INST	6	0	0	0	1	0	1	4	0
MILITARY	10	1	0	0	0	0	2	7	0
*TOTAL MALE	36313	610	108	150	686	2973	8349	23406	31

TABLE-8 (Continued)

1986

COUNTY OF RESIDENCE	TOTAL	FEMALE <1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
ATLANTIC	1175	18	3	3	11	42	178	919	1
BERGEN	4052	30	6	5	21	116	570	3304	0
BURLINGTON	1343	17	5	8	9	54	225	1025	0
CAMDEN	2238	43	4	12	17	73	349	1739	1
CAPE MAY	578	3	1	2	4	9	58	501	0
CUMBERLAND	634	17	0	1	7	20	102	487	0
ESSEX	4107	73	15	9	38	274	707	2987	4
GLOUCESTER	829	12	1	1	4	27	135	648	1
HUDSON	2756	42	3	6	20	147	442	2095	1
HUNTERDON	343	6	1	0	2	18	55	261	0
MERCER	1457	18	3	5	7	64	212	1147	1
MIDDLESEX	2306	27	4	7	17	85	419	1745	2
MONMOUTH	2521	22	2	6	15	69	3[illegible]	2039	2
MORRIS	1548	20	3	4	7	65	224	1225	0
OCEAN	2475	20	3	3	13	46	271	2119	0
PASSAIC	2156	32	6	10	17	93	335	1661	2
SALEM	316	4	0	3	2	6	54	247	0
SOMERSET	768	3	2	1	8	28	134	592	0
SUSSEX	429	3	2	1	3	20	62	338	0
UNION	2517	29	6	3	6	82	376	2015	0
WARREN	420	4	3	2	5	12	50	344	0
STATE INST	3	0	0	0	0	0	0	3	0
MILITARY	3	1	1	0	0	1	0	0	0
*TOTAL FEMALE	34974	444	74	92	233	1351	5324	27441	15

TABLE-8 (Continued)

1986

COUNTY OF RESIDENCE	TOTAL	UNKNOWN <1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
ATLANTIC	1	0	0	0	0	0	0	1	0
BERGEN	1	0	0	0	0	0	0	1	0
BURLINGTON	1	0	0	0	0	0	0	1	0
CAMDEN	1	0	0	0	0	0	0	1	0
CUMBERLAND	1	0	0	0	0	0	0	1	0
ESSEX	1	0	0	0	0	0	1	0	0
HUDSON	3	0	0	0	0	0	1	2	0
MORRIS	1	1	0	0	0	0	0	0	0
OCEAN	1	0	0	0	0	0	0	1	0
WARREN	1	0	0	0	0	0	0	1	0
*TOTAL UNKNOWN	12	1	0	0	0	0	2	9	0
TOTAL	71299	1055	182	242	919	4324	13675	50856	46

TABLE-9

RESIDENT DEATHS -- BY COUNTY, RACE AND SEX
1986

COUNTY OF RESIDENCE	TOTAL	WHITE							
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
ATLANTIC	1977	19	7	6	27	69	352	1495	2
BERGEN	7599	50	12	11	65	316	1352	5793	0
BURLINGTON	2461	34	8	16	43	123	481	1756	0
CAMDEN	3862	59	10	17	43	160	735	2337	1
CAPE MAY	1151	6	2	3	15	35	178	912	0
CUMBERLAND	1188	16	3	3	22	57	220	867	0
ESSEX	5377	42	11	8	47	235	891	4137	6
GLOUCESTER	1517	19	6	4	27	70	298	1092	1
HUDSON	5051	64	10	13	55	364	948	3589	8
HUNTERDON	679	10	2	1	6	41	125	493	1
MERCER	2404	23	5	6	28	116	402	1824	0
MIDDLESEX	4653	49	12	11	56	239	1015	3269	2
MONMOUTH	4549	46	4	13	47	182	827	3429	1
MORRIS	2839	34	6	8	38	146	552	2055	0
OCEAN	5282	42	12	10	47	141	686	4344	0
PASSAIC	3768	45	6	21	33	172	640	2849	2
SALEM	531	12	1	0	5	13	103	397	0
SOMERSET	1496	11	4	4	22	73	331	1050	1
SUSSEX	856	13	3	4	11	50	156	619	0
UNION	4368	35	5	6	34	176	773	3339	0
WARREN	844	11	5	3	17	32	141	635	0
STATE INST	9	0	0	0	1	0	1	7	0
MILITARY	11	2	1	0	0	1	2	5	0
*TOTAL WHITE	62472	642	135	168	689	2811	11209	46793	25

TABLE-9 (Continued)

1986

COUNTY OF RESIDENCE	TOTAL	BLACK <1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
ATLANTIC	413	21	2	4	5	49	95	236	1
BERGEN	271	4	2	2	9	36	71	147	0
BURLINGTON	284	16	3	3	5	27	80	150	0
CAMDEN	663	34	3	9	13	75	178	351	0
CAPE MAY	57	2	0	0	3	4	9	39	0
CUMBERLAND	180	20	0	2	8	24	44	82	0
ESSEX	2959	114	18	20	89	633	861	1213	11
GLOUCESTER	186	10	1	0	3	15	45	112	0
HUDSON	628	38	2	3	17	156	166	245	1
HUNTERDON	11	0	0	0	0	0	4	7	0
MERCER	520	27	3	5	9	79	155	241	1
MIDDLESEX	254	16	1	5	11	41	83	97	0
MONMOUTH	428	19	1	1	6	48	118	234	1
MORRIS	79	5	0	0	3	12	20	39	0
OCEAN	65	0	0	1	2	6	22	34	0
PASSAIC	504	25	4	3	13	138	154	167	0
SALEM	102	2	0	3	3	7	23	64	0
SOMERSET	75	7	0	0	2	9	24	33	0
SUSSEX	2	0	0	0	0	0	0	2	0
UNION	650	18	5	4	16	100	180	327	0
WARREN	8	1	0	0	0	1	2	4	0
MILITARY	2	0	0	0	0	0	0	2	0
*TOTAL BLACK	8341	379	45	65	217	1460	2334	3826	15

TABLE-9 (Continued)

1986

COUNTY OF RESIDENCE	TOTAL	OTHER							
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
ATLANTIC	11	1	0	0	0	2	3	5	0
BERGEN	83	6	0	1	1	12	21	42	0
BURLINGTON	12	0	0	1	0	1	4	6	0
CAMDEN	17	1	1	0	0	1	8	6	0
CAPE MAY	1	0	0	0	0	0	1	0	0
CUMBERLAND	10	0	0	0	0	0	2	8	0
ESSEX	47	5	0	2	2	7	12	19	0
GLOUCESTER	3	0	0	0	0	0	1	2	0
HUDSON	66	4	0	1	3	8	16	34	0
HUNTERDON	2	0	0	0	0	0	0	2	0
MERCER	12	0	0	1	0	1	6	4	0
MIDDLESEX	48	4	1	2	3	6	9	23	0
MONMOUTH	21	0	0	0	0	2	5	14	0
MORRIS	21	2	0	1	1	3	8	6	0
OCEAN	14	0	0	0	1	0	3	10	0
PASSAIC	24	0	0	0	1	2	7	14	0
SALEM	2	0	0	0	0	0	1	1	0
SOMERSET	5	0	0	0	0	1	0	4	0
SUSSEX	2	0	0	0	1	0	1	0	0
UNION	25	1	0	0	0	3	9	12	0
*TOTAL OTHER	426	24	2	9	13	49	117	212	0

TABLE-9 (Continued)

1986

COUNTY OF RESIDENCE	TOTAL	UNKNOWN							
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
ATLANTIC	7	0	0	0	0	0	3	4	0
BERGEN	2	0	0	0	0	0	0	2	0
BURLINGTON	3	0	0	0	0	1	1	0	1
CAMDEN	2	1	0	0	0	0	0	1	0
CUMBERLAND	1	0	0	0	0	0	1	0	0
ESSEX	18	8	0	0	0	1	5	2	2
GLOUCESTER	5	0	0	0	0	0	1	2	2
HUDSON	5	0	0	0	0	2	0	2	1
MERCER	1	0	0	0	0	0	1	0	0
MIDDLESEX	2	0	0	0	0	0	1	1	0
MONMOUTH	3	0	0	0	0	0	0	3	0
MORRIS	1	0	0	0	0	0	1	0	0
OCEAN	4	0	0	0	0	0	1	3	0
PASSAIC	2	1	0	0	0	0	0	1	0
SOMERSET	1	0	0	0	0	0	0	1	0
UNION	1	0	0	0	0	0	0	1	0
WARREN	2	0	0	0	0	0	0	2	0
*TOTAL UNKNOWN	60	10	0	0	0	4	15	25	6

TABLE 10

RESIDENT DEATHS -- MATERNAL, INFANT, PERINATAL, NEONATAL AND FETAL
TOTALS BY COUNTY
1986

COUNTY OF RESIDENCE	NUMBER OF DEATHS MATERNAL	INFANT	PERINATAL	NEONATAL	FETAL
ATLANTIC	0	41	96	25	71
BERGEN	0	60	89	44	45
BURLINGTON	1	50	142	36	106
CAMDEN	0	95	215	63	152
CAPE MAY	0	8	27	6	21
CUMBERLAND	0	36	61	26	35
ESSEX	1	169	250	106	144
GLOUCESTER	0	29	87	19	68
HUDSON	4	106	135	66	69
HUNTERDON	0	10	21	7	14
MERCER	0	50	93	32	61
MIDDLESEX	0	69	119	47	72
MONMOUTH	1	65	105	42	63
MORRIS	0	41	64	29	35
OCEAN	1	42	60	30	30
PASSAIC	0	71	123	52	71
SALEM	0	14	18	8	10
SOMERSET	1	18	34	12	22
SUSSEX	0	13	20	11	9
UNION	1	54	93	35	58
WARREN	0	12	19	10	9
MILITARY	0	2	3	2	1
TOTAL	10	1055	1874	708	1166

TABLE-10 (Continued

WHITE
1986

COUNTY OF RESIDENCE	MATERNAL	INFANT	PERINATAL	NEONATAL	FETAL
	NUMBER OF DEATHS				
ATLANTIC	0	19	43	8	35
BERGEN	0	50	75	40	35
BURLINGTON	0	34	100	25	75
CAMDEN	0	59	145	43	102
CAPE MAY	0	6	20	4	16
CUMBERLAND	0	16	31	12	19
ESSEX	0	42	74	28	46
GLOUCESTER	0	19	61	11	50
HUDSON	1	64	89	44	45
HUNTERDON	0	10	21	7	14
MERCER	0	23	51	14	37
MIDDLESEX	0	49	87	32	55
MONMOUTH	1	46	79	30	49
MORRIS	0	34	58	25	33
OCEAN	1	42	60	30	30
PASSAIC	0	45	83	34	49
SALEM	0	12	13	7	6
SOMERSET	0	11	22	7	15
SUSSEX	0	13	19	11	8
UNION	0	35	61	22	39
WARREN	0	11	16	9	7
STATE INST	0	0	0	0	0
MILITARY	0	2	3	2	1
*TOTAL WHITE	3	642	1211	445	706

TABLE-10 (Continued)

NON-WHITE
1986

COUNTY OF RESIDENCE	NUMBER OF DEATHS MATERNAL	INFANT	PERINATAL	NEONATAL	FETAL
ATLANTIC	0	22	51	17	34
BERGEN	0	10	11	4	7
BURLINGTON	1	16	39	11	28
CAMDEN	0	35	61	20	41
CAPE MAY	0	2	6	2	4
CUMBERLAND	0	20	30	14	16
ESSEX	1	119	138	70	68
GLOUCESTER	0	10	25	8	17
HUDSON	3	42	44	22	22
HUNTERDON	0	0	0	0	0
MERCER	0	27	42	18	24
MIDDLESEX	0	20	29	15	14
MONMOUTH	0	19	25	12	13
MORRIS	0	7	4	4	0
OCEAN	0	0	0	0	0
PASSAIC	0	25	37	17	20
SALEM	0	2	5	1	4
SOMERSET	1	7	11	5	6
SUSSEX	0	0	0	0	0
UNION	1	19	30	13	17
WARREN	0	1	1	1	0
STATE INST	0	0	0	0	0
MILITARY	0	0	0	0	0
*TOTAL NON-WHITE	7	403	589	254	335

TABLE-10 (Continued)

UNKNOWN
1986

COUNTY OF		NUMBER OF DEATHS			
RESIDENCE	MATERNAL	INFANT	PERINATAL	NEONATAL	FETAL
ATLANTIC	0	0	2	0	2
BERGEN	0	0	3	0	3
BURLINGTON	0	0	3	0	3
CAMDEN	0	1	9	0	9
CAPE MAY	0	0	1	0	1
CUMBERLAND	0	0	0	0	0
ESSEX	0	8	38	8	30
GLOUCESTER	0	0	1	0	1
HUDSON	0	0	2	0	2
HUNTERDON	0	0	0	0	0
MERCER	0	0	0	0	0
MIDDLESEX	0	0	3	0	3
MONMOUTH	0	0	1	0	1
MORRIS	0	0	2	0	2
OCEAN	0	0	0	0	0
PASSAIC	0	1	3	1	2
SALEM	0	0	0	0	0
SOMERSET	0	0	1	0	1
SUSSEX	0	0	1	0	1
UNION	0	0	2	0	2
WARREN	0	0	2	0	2
STATE INST	0	0	0	0	0
MILITARY	0	0	0	0	0
*TOTAL UNKNOWN					
	0	10	74	9	65

TABLE-11

RESIDENT DEATHS -- BY PLACE OF RESIDENCE AND AGE
1986

ATLANTIC COUNTY

		AGE GROUP											
RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
ABSECON CITY	77	1	1	0	0	1	2	3	15	22	19	13	0
ATLANTIC CITY	696	13	0	2	3	23	23	37	86	132	217	159	1
BRIGANTINE CITY	93	0	0	0	0	4	1	4	14	26	26	18	0
BUENA BORO	48	0	0	0	0	0	1	2	12	11	11	10	1
BUENA VISTA TWP	44	0	0	0	0	0	3	3	6	11	14	7	0
CORBIN CITY	8	0	0	0	0	0	0	0	1	1	6	0	0
EGG HARBOR CITY	77	1	1	0	0	0	3	2	19	18	17	16	0
EGG HARBOR TWP	83	3	1	1	1	3	0	6	16	19	16	16	1
ESTELL MANOR CITY	8	0	0	0	0	0	0	1	2	2	1	2	0
FOLSOM BORO	17	0	0	0	1	1	1	0	3	4	7	0	0
GALLOWAY TWP	80	2	0	3	2	1	5	3	13	15	15	21	0
HAMILTON TWP	139	5	1	2	5	5	4	8	21	30	34	24	0
HAMMONTON TOWN	156	0	1	0	1	1	7	6	21	36	51	32	0
LINWOOD CITY	64	1	0	0	1	2	0	7	13	10	16	14	0
LONGPORT BORO	29	0	0	0	0	0	0	0	1	10	7	11	0
MARGATE CITY	128	1	0	0	1	1	0	4	12	38	42	29	0
MULLICA TWP	31	0	0	1	2	1	0	0	3	10	6	8	0
NORTHFIELD CITY	86	1	3	0	2	1	0	6	11	25	21	16	0
PLEASANTVILLE CITY	211	7	1	1	4	5	10	11	28	50	51	43	0
PORT REPUBLIC CITY	6	0	0	0	0	0	0	1	1	1	3	0	0
SOMERS POINT CITY	145	4	0	0	6	2	3	6	12	29	44	39	0
VENTNOR CITY	168	1	0	0	2	2	3	10	22	30	53	45	0
WEYMOUTH TWP	14	1	0	0	1	0	1	0	1	4	4	2	0
*TOTAL ATLANTIC	2408	41	9	10	32	53	67	120	333	534	681	525	3

TABLE-11 (Continued)

1986

BERGEN COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
ALLENDALE BORO	28	0	0	0	0	0	0	1	3	6	8	10	0
ALPINE BORO	15	0	0	0	0	0	2	1	4	3	1	4	0
BERGENFIELD BORO	248	3	1	2	8	5	6	16	33	56	69	49	0
BOGOTA BORO	67	1	0	0	1	2	1	4	11	17	16	14	0
CARLSTADT BORO	66	0	0	1	0	3	0	5	10	18	19	10	0
CLIFFSIDE PARK BORO	256	1	0	0	1	0	9	9	31	64	82	59	0
CLOSTER BORO	67	0	0	0	1	2	3	6	13	10	16	16	0
CRESSKILL BORO	60	1	0	0	1	0	0	1	11	14	17	15	0
DEMAREST BORO	29	0	1	1	0	0	1	2	3	6	9	6	0
DUMONT BORO	195	2	0	0	1	4	6	9	26	57	54	36	0
EAST RUTHERFORD BORO	89	0	0	0	0	1	5	3	9	24	28	19	0
EDGEWATER BORO	44	0	0	0	0	2	1	4	4	9	12	12	0
ELMWOOD PARK BORO	216	2	0	0	1	1	10	12	28	67	50	45	0
EMERSON BORO	78	1	0	0	0	0	2	3	9	19	19	25	0
ENGLEWOOD CITY	237	2	0	0	4	4	19	14	32	36	58	68	0
ENGLEWOOD CLIFFS BORO	36	0	0	0	0	0	1	2	5	4	12	12	0
FAIR LAWN BORO	353	0	2	0	2	4	6	14	51	96	108	70	0
FAIRVIEW BORO	144	2	0	0	0	1	2	4	23	33	46	33	0
FORT LEE BORO	329	2	0	0	4	12	7	9	30	85	123	57	0
FRANKLIN LAKES BORO	50	0	0	0	0	1	0	3	13	9	13	11	0
GARFIELD CITY	314	3	0	0	4	5	7	13	32	89	108	53	0
GLEN ROCK BORO	94	2	0	0	0	1	0	7	15	15	25	29	0
HACKENSACK CITY	388	4	1	2	0	11	18	16	49	79	104	104	0
HARRINGTON PARK BORO	37	0	1	0	1	2	1	3	7	9	6	7	0
HASBROUCK HEIGHTS BORO	117	1	0	0	0	1	1	1	20	35	33	25	0
HAWORTH BORO	27	0	0	0	0	0	2	0	4	7	10	4	0
HILLSDALE BORO	74	1	0	0	0	2	3	1	10	16	22	19	0
HOHOKUS BORO	41	0	0	0	0	0	1	2	4	12	9	13	0
LEONIA BORO	67	2	0	0	1	4	0	0	11	9	18	22	0
LITTLE FERRY BORO	93	0	1	0	0	0	5	5	13	23	32	14	0
LODI BORO	245	1	2	0	4	5	7	6	38	76	54	52	0
LYNDHURST TWP	226	0	1	0	2	3	6	8	38	66	67	35	0
MAHWAH TWP	78	0	0	1	2	2	5	6	14	18	20	10	0

TABLE-11 (Continued)

1966

BERGEN COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
MAYWOOD BORO	112	0	0	0	1	2	3	8	16	28	38	16	0
MIDLAND PARK BORO	69	4	1	1	0	0	1	1	6	14	22	19	0
MONTVALE BORO	38	0	0	0	0	0	1	2	9	11	7	8	0
MOONACHIE BORO	37	0	0	0	0	1	0	1	9	11	9	6	0
NEW MILFORD BORO	204	0	1	0	1	3	3	7	26	48	59	56	0
NORTH ARLINGTON BORO	167	2	0	0	1	3	1	8	22	50	51	29	0
NORTHVALE BORO	40	0	0	0	1	1	1	2	11	6	6	12	0
NORWOOD BORO	39	0	0	0	1	2	0	2	10	7	13	4	0
OAKLAND BORO	57	2	0	0	4	3	1	1	13	12	13	8	0
OLD TAPPAN BORO	24	0	0	0	0	1	1	1	2	4	8	7	0
ORADELL BORO	69	1	0	0	0	3	0	1	8	15	21	20	0
PALISADES PARK BORO	135	0	0	0	0	5	3	3	25	30	44	25	0
PARAMUS BORO	230	2	0	1	1	3	13	17	40	50	45	58	0
PARK RIDGE BORO	60	2	0	0	1	0	2	4	10	16	15	10	0
RAMSEY BORO	90	2	0	0	1	3	1	3	10	22	22	26	0
RIDGEFIELD BORO	128	1	0	1	1	1	2	6	10	26	44	36	0
RIDGEFIELD PARK TWP	92	0	0	0	0	1	2	7	14	25	24	19	0
RIDGEWOOD VIL	207	3	0	0	2	3	2	4	19	32	76	66	0
RIVER EDGE BORO	120	0	0	0	0	2	3	5	15	19	46	30	0
RIVER VALE TWP	63	0	0	1	1	1	1	2	13	11	15	18	0
ROCHELLE PARK TWP	82	0	0	0	0	1	2	3	11	17	35	13	0
ROCKLEIGH BORO	1	0	0	0	0	0	0	0	0	0	0	1	0
RUTHERFORD BORO	183	1	0	0	1	2	5	10	27	48	46	43	0
SADDLE BROOK TWP	147	0	0	0	1	4	4	5	30	44	32	27	0
SADDLE RIVER BORO	25	0	0	0	0	1	0	0	3	3	5	13	0
SOUTH HACKENSACK TWP	17	0	0	0	0	0	1	1	5	5	2	3	0
TEANECK TWP	344	6	1	0	4	8	13	17	36	80	112	67	0
TENAFLY BORO	121	0	0	1	0	2	1	3	11	21	39	43	0
UPPER SADDLE RIVER BORO	39	0	0	1	2	0	1	4	9	6	7	9	0
WALDWICK BORO	76	0	0	0	2	0	0	2	14	20	21	17	0
WALLINGTON BORO	125	1	0	0	1	3	7	6	18	36	28	25	0
WASHINGTON TWP	65	0	1	0	2	1	3	3	14	12	11	18	0
WESTWOOD BORO	117	2	0	0	3	1	1	4	10	11	34	51	0
WOOD-RIDGE BORO	68	0	0	0	1	1	2	2	4	18	18	22	0
WOODCLIFF LAKE BORO	28	0	0	0	0	0	0	0	4	7	9	8	0
WYCKOFF TWP	128	0	0	1	4	5	1	6	15	20	37	39	0
*TOTAL BERGEN	7955	60	14	14	75	145	219	341	1103	1872	2282	1830	0

TABLE-[illegible] (Continued)
1986

BURLINGTON COUNTY

	AGE GROUP												
RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
BASS RIVER TWP	16	0	0	0	1	0	0	2	1	4	4	4	0
BEVERLY CITY	45	1	0	1	0	2	2	2	8	11	11	7	0
BORDENTOWN CITY	75	1	0	0	2	2	3	3	14	18	18	14	0
BORDENTOWN TWP	44	0	0	1	0	2	2	3	12	6	9	9	0
BURLINGTON CITY	162	5	1	3	1	1	5	8	25	41	42	30	0
BURLINGTON TWP	66	0	0	0	1	2	3	8	11	12	16	12	1
CHESTERFIELD TWP	14	0	0	1	0	0	0	1	1	4	1	6	0
CINNAMINSON TWP	112	1	0	2	2	2	2	6	20	25	23	29	0
DELANCO TWP	47	0	0	0	0	0	1	2	7	16	11	10	0
DELRAN TWP	67	1	1	1	3	2	6	4	4	17	19	9	0
EASTAMPTON TWP	12	0	0	0	0	0	2	1	1	1	4	3	0
EDGEWATER PARK TWP	43	1	0	0	0	1	0	3	5	15	10	8	0
EVESHAM TWP	137	4	1	2	4	2	7	9	18	35	31	24	0
FIELDSBORO BORO	4	0	0	0	1	0	0	0	0	0	3	0	0
FLORENCE TWP	37	3	0	0	1	2	2	1	13	29	18	18	0
HAINESPORT TWP	12	0	0	0	1	0	0	1	0	4	3	3	0
LUMBERTON TWP	28	0	0	0	0	0	0	0	4	8	11	5	0
MANSFIELD TWP	25	2	0	0	0	0	1	3	3	3	8	5	0
MAPLE SHADE TWP	229	2	0	1	2	3	6	9	29	68	68	41	0
MEDFORD LAKES BORO	21	1	0	0	1	1	0	2	4	0	4	8	0
MEDFORD TWP	128	0	0	0	3	2	3	7	11	20	38	44	0
MOORESTOWN TWP	150	1	0	0	0	1	3	4	15	24	44	58	0
MOUNT HOLLY TWP	157	2	2	1	5	4	4	7	21	37	45	29	0
MOUNT LAUREL TWP	131	1	0	2	1	5	3	11	19	29	34	26	0
NEW HANOVER TWP	3	0	1	0	0	0	0	0	0	1	0	1	0
NORTH HANOVER TWP	17	0	0	0	0	1	0	6	3	4	2	1	0
PALMYRA BORO	73	0	0	0	0	0	1	6	9	26	15	16	0
PEMBERTON BORO	67	2	0	2	1	1	2	7	16	18	14	4	0
PEMBERTON TWP	170	7	3	1	6	6	8	22	34	30	30	23	0
RIVERSIDE TWP	117	3	0	0	1	2	6	2	13	37	28	25	0
RIVERTON BORO	28	0	0	0	1	0	0	1	5	4	4	13	0
SHAMONG TWP	12	0	0	0	0	0	1	1	1	5	3	1	0
SOUTHAMPTON TWP	155	0	0	0	1	2	4	2	14	53	55	24	0
SPRINGFIELD TWP	8	0	0	0	1	0	0	0	0	3	4	0	0
TABERNACLE TWP	36	0	0	0	1	0	3	3	7	12	6	4	0
WASHINGTON TWP	9	0	0	0	0	0	0	0	0	3	4	2	0
WESTAMPTON TWP	18	2	0	0	1	3	1	1	2	3	4	1	0
WILLINGBORO TWP	210	10	2	2	6	5	14	24	36	48	31	32	0
WOODLAND TWP	9	0	0	0	0	0	2	0	1	3	1	2	0
WRIGHTSTOWN BORO	16	0	0	0	0	1	0	0	7	2	3	3	0
*TOTAL BURLINGTON	2760	50	11	20	48	55	97	172	394	679	679	554	1

TABLE-11 (Continued)

1966

CAMDEN COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
AUDUBON BORO	111	2	0	0	1	0	0	8	11	20	35	34	0
AUDUBON PARK BORO	25	0	0	0	0	0	0	0	4	5	14	2	0
BARRINGTON BORO	55	0	1	0	0	0	2	3	7	12	15	15	0
BELLMAWR BORO	123	2	0	0	2	2	3	8	27	48	20	11	0
BERLIN BORO	100	4	0	0	1	2	5	6	9	29	25	19	0
BERLIN TWP	42	0	0	1	0	2	3	1	7	13	10	5	0
BROOKLAWN BORO	23	0	0	0	2	1	0	0	3	7	7	3	0
CAMDEN CITY	872	37	2	8	16	48	31	80	137	216	195	102	0
CHERRY HILL TWP	574	4	0	3	4	7	9	18	113	121	151	144	0
CHESILHURST BORO	14	0	0	0	0	1	0	0	3	6	3	1	0
CLEMENTON BORO	73	2	0	0	0	3	2	3	8	25	17	13	0
COLLINGSWOOD BORO	186	2	0	1	0	2	1	5	21	46	52	56	0
GIBBSBORO BORO	19	0	1	0	0	1	1	2	1	4	5	4	0
GLOUCESTER CITY	208	4	2	1	4	6	4	12	28	56	59	32	0
GLOUCESTER TWP	248	4	1	1	6	4	7	9	47	73	65	31	0
HADDON HEIGHTS BORO	95	2	1	0	0	0	2	3	8	23	27	29	0
HADDON TWP	180	4	2	0	0	2	1	8	15	50	48	50	0
HADDONFIELD BORO	91	0	0	0	0	1	0	5	5	23	32	25	0
HI-NELLA BORO	8	0	0	0	0	0	0	1	2	2	3	0	0
LAUREL SPRINGS BORO	30	1	0	0	2	2	0	3	2	6	10	4	0
LAWNSIDE BORO	35	3	0	1	0	1	1	2	8	8	5	6	0
LINDENWOLD BORO	152	2	0	3	2	8	8	11	19	48	36	15	0
MAGNOLIA BORO	47	1	0	0	1	2	1	1	6	11	16	8	0
MERCHANTVILLE BORO	54	1	0	0	0	0	2	1	7	12	16	15	0
MOUNT EPHRAIM BORO	75	1	0	1	0	0	1	4	14	23	17	14	0
OAKLYN BORO	67	0	0	0	0	0	1	1	7	19	16	23	0
PENNSAUKEN TWP	388	7	1	2	5	6	4	21	53	85	109	95	0
PINE HILL BORO	90	2	0	1	1	4	3	2	15	29	23	10	0
RUNNEMEDE BORO	99	1	0	0	3	1	3	5	23	29	22	12	0
SOMERDALE BORO	75	0	0	0	1	2	2	7	12	23	19	9	0
STRATFORD BORO	62	1	1	0	0	0	3	4	10	13	9	21	0
VOORHEES TWP	109	0	1	0	2	4	5	7	13	32	30	15	0
WATERFORD TWP	60	2	0	2	2	1	4	0	7	19	14	9	0
WINSLOW TWP	133	4	1	1	1	6	7	7	20	42	26	17	1
WOOD-LYNNE BORO	21	2	0	0	0	0	1	0	1	7	7	3	0
*TOTAL CAMDEN	4544	95	14	26	56	119	117	248	673	1185	1158	852	1

TABLE-11 (Continued)

1986

CAPE MAY COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
						AGE GROUP							
AVALON BORO	29	0	0	0	1	0	0	0	2	4	15	7	0
CAPE MAY CITY	101	1	0	0	0	1	0	3	14	17	42	23	0
CAPE MAY POINT BORO	8	0	0	0	0	1	0	0	1	1	4	1	0
DENNIS TWP	56	1	0	0	3	0	2	3	9	9	18	11	0
LOWER TWP	257	2	2	1	3	4	5	10	27	71	84	48	0
MIDDLE TWP	149	2	0	0	3	3	3	3	22	44	39	30	0
NORTH WILDWOOD CITY	61	0	0	0	0	1	0	2	11	20	19	8	0
OCEAN CITY	199	0	0	1	3	2	4	6	15	31	61	76	0
SEA ISLE CITY	39	0	0	0	0	1	0	1	5	15	13	4	0
STONE HARBOR BORO	19	0	0	0	0	0	1	0	2	5	5	6	0
UPPER TWP	80	0	0	1	0	2	2	4	8	23	23	17	0
WEST CAPE MAY BORO	20	0	0	0	1	0	0	0	1	5	5	8	0
WEST WILDWOOD BORO	8	0	0	0	0	0	0	2	2	1	2	1	0
WILDWOOD CITY	96	0	0	0	2	1	1	2	17	32	27	14	0
WILDWOOD CREST BORO	55	0	0	0	0	1	1	1	7	14	18	13	0
WOODBINE BORO	32	2	0	0	2	1	2	6	2	6	8	3	0
*TOTAL CAPE MAY	1209	8	2	3	18	18	21	43	145	298	383	270	0

CUMBERLAND COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
						AGE GROUP							
BRIDGETON CITY	296	14	1	0	8	14	13	24	29	63	84	46	0
COMMERCIAL TWP	38	2	0	0	0	1	1	1	4	10	14	5	0
DEERFIELD TWP	15	1	0	0	1	0	0	1	2	3	4	3	0
DOWNE TWP	23	1	0	1	0	1	0	0	4	5	9	2	0
FAIRFIELD TWP	41	0	0	0	1	3	0	3	5	15	7	7	0
GREENWICH TWP	13	0	0	0	0	0	0	0	1	4	4	4	0
HOPEWELL TWP	33	0	0	0	2	0	0	1	6	9	9	6	0
LAWRENCE TWP	18	0	0	0	0	0	1	0	2	1	11	3	0
MAURICE RIVER TWP	29	0	0	0	1	0	2	1	2	9	9	5	0
MILLVILLE CITY	320	6	0	2	7	9	8	16	60	76	87	49	0
SHILOH BORO	5	0	0	0	0	0	0	0	1	0	1	3	0
STOW CREEK TWP	12	0	0	0	1	0	1	0	1	4	4	1	0
UPPER DEERFIELD TWP	38	0	0	0	1	1	2	3	6	6	14	5	0
VINELAND CITY	498	12	2	2	8	9	15	26	68	122	136	98	0
*TOTAL CUMBERLAND	1379	36	3	5	30	38	43	76	191	327	393	237	0

TABLE-11 (Continued)

1986

ESSEX COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
						AGE GROUP							
BELLEVILLE TOWN	365	1	0	1	1	12	13	20	60	103	96	58	0
BLOOMFIELD TOWN	484	2	0	0	3	6	13	24	61	116	133	126	0
CALDWELL BORO	113	0	0	0	3	2	2	2	10	20	39	35	0
CEDAR GROVE TWP	120	1	0	0	2	0	0	4	14	27	41	31	0
EAST ORANGE CITY	819	21	2	3	13	58	59	70	107	145	185	156	0
ESSEX FELLS BORO	28	1	0	1	0	1	1	1	4	6	4	9	0
FAIRFIELD BORO	46	0	1	0	0	0	1	3	8	12	15	6	0
GLEN RIDGE BORO	69	0	1	0	0	1	2	7	6	12	15	25	0
IRVINGTON TOWN	665	13	1	1	15	30	36	46	91	144	157	130	1
LIVINGSTON TWP	205	1	1	1	4	1	3	13	43	46	53	39	0
MAPLEWOOD TWP	244	2	0	0	3	4	2	11	21	47	86	68	0
MILLBURN TWP	169	0	0	1	3	2	0	12	14	32	51	54	0
MONTCLAIR TOWN	421	2	1	1	2	9	11	18	45	83	108	140	1
NEWARK CITY	3085	106	17	16	83	239	290	322	485	594	584	332	17
NORTH CALDWELL BORO	25	0	0	0	0	0	1	0	4	6	7	7	0
NUTLEY TOWN	285	2	0	0	1	2	10	4	39	70	102	55	0
ORANGE CITY	347	11	3	4	2	10	28	9	45	85	94	56	0
ROSELAND BORO	56	1	0	0	0	0	0	2	11	14	20	8	0
SOUTH ORANGE VIL	143	0	0	0	0	1	5	6	11	36	33	51	0
VERONA BORO	129	0	0	0	0	0	3	5	20	38	38	25	0
WEST CALDWELL BORO	96	0	0	0	0	1	0	5	13	27	27	23	0
WEST ORANGE TOWN	487	5	2	1	3	11	6	18	55	106	135	145	0
*TOTAL ESSEX	8401	169	29	30	138	390	486	602	1167	1769	2023	1579	19

TABLE-11 (Continued)

1986

GLOUCESTER COUNTY

		AGE GROUP											
RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
CLAYTON BORO	36	0	0	0	0	3	1	4	4	14	6	4	0
DEPTFORD TWP	169	2	2	0	1	5	2	9	29	51	38	30	0
EAST GREENWICH TWP	42	2	0	0	1	0	3	0	2	10	16	8	0
ELK TWP	6	0	0	0	0	0	0	0	0	3	1	2	0
FRANKLIN TWP	100	1	0	0	3	0	3	3	22	31	24	13	0
GLASSBORO BORO	119	1	0	1	4	1	5	7	20	20	33	27	0
GREENWICH TWP	49	1	0	0	0	1	1	3	6	17	11	8	1
HARRISON TWP	37	0	0	0	1	0	1	2	6	8	9	10	0
LOGAN TWP	12	1	0	0	1	1	1	1	0	2	3	2	0
MANTUA TWP	115	3	0	0	5	3	2	8	19	25	32	18	0
MONROE TWP	208	1	2	1	1	8	14	10	29	60	49	33	0
NATIONAL PARK BORO	28	0	0	0	0	0	0	0	9	16	3	10	0
NEWFIELD BORO	33	0	0	0	2	0	1	3	0	9	8	10	0
PAULSBORO BORO	98	2	0	0	1	2	1	5	11	19	35	22	0
PITMAN BORO	102	0	1	0	0	1	2	4	5	22	36	31	0
SOUTH HARRISON TWP	2	0	0	0	0	0	1	0	0	0	0	1	0
SWEDESBORO BORO	40	0	1	0	1	0	2	4	5	9	9	9	0
WASHINGTON TWP	95	5	1	1	1	0	2	9	16	25	13	21	1
WENONAH BORO	40	0	0	0	0	2	0	1	11	11	7	8	0
WEST DEPTFORD TWP	112	3	0	0	2	2	0	9	23	26	29	17	1
WESTVILLE BORO	80	1	0	1	2	3	0	3	16	23	18	13	0
WOODBURY CITY	157	6	0	0	3	6	3	5	13	51	38	32	0
WOODBURY HEIGHTS BORO	25	0	0	0	1	1	1	1	7	5	6	3	0
WOOLWICH TWP	6	0	0	0	0	0	0	0	1	1	2	2	0
*TOTAL GLOUCESTER	1711	29	7	4	30	39	46	91	254	458	426	324	3

TABLE-11 (Continued)

1986

HUDSON COUNTY

		AGE GROUP											
RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
BAYONNE CITY	853	7	1	2	6	31	24	34	134	234	231	149	0
EAST NEWARK BORO	15	1	0	0	0	0	1	0	1	6	4	2	0
GUTTENBERG TOWN	66	1	0	0	1	1	4	3	9	13	22	12	0
HARRISON TOWN	112	1	0	0	3	1	3	5	15	33	30	20	1
HOBOKEN CITY	359	4	1	0	9	12	20	13	43	88	105	64	0
JERSEY CITY	2399	68	7	8	42	152	146	173	348	539	539	372	5
KEARNY TOWN	363	5	1	1	3	9	11	16	60	96	104	55	2
NORTH BERGEN TWP	519	6	0	1	1	17	16	25	50	135	169	99	0
SECAUCUS TOWN	156	1	0	1	1	6	5	8	23	33	48	30	0
UNION CITY	435	8	1	3	3	19	21	23	56	91	136	72	2
WEEHAWKEN TWP	125	0	0	0	1	1	9	5	19	22	41	27	0
WEST NEW YORK TOWN	348	4	1	1	5	8	13	21	46	71	113	65	0
*TOTAL HUDSON	5750	106	12	17	75	257	273	326	804	1361	1542	967	10

TABLE-11 (Continued)

1986

HUNTERDON COUNTY

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
ALEXANDRIA TWP	21	1	0	0	1	0	0	1	1	1	9	7	0
BETHELEM TWP	11	0	0	0	0	0	1	0	2	2	5	1	0
BLOOMSBURY BORO	8	0	0	0	0	0	0	0	1	4	1	2	0
CALIFON BORO	10	0	0	0	0	0	0	0	2	2	3	3	0
CLINTON TOWN	28	1	0	0	2	1	1	4	1	5	6	7	0
CLINTON TWP	31	0	0	0	1	1	4	3	2	5	12	3	0
DELAWARE TWP	17	0	0	0	0	0	0	1	2	3	5	6	0
EAST AMWELL TWP	21	0	0	0	0	0	0	1	2	6	7	5	0
FLEMINGTON BORO	88	0	0	0	0	1	4	1	15	19	28	20	0
FRANKLIN TWP	28	1	0	0	0	2	1	2	0	5	6	11	0
FRENCHTOWN BORO	19	2	0	0	0	1	0	2	0	4	6	4	0
GLEN GARDNER BORO	25	0	2	0	0	0	1	2	3	6	7	4	0
HAMPTON BORO	18	0	0	0	0	1	0	2	2	5	6	2	0
HIGH BRIDGE BORO	17	1	0	0	0	0	2	1	2	4	4	3	0
HOLLAND TWP	22	0	0	0	0	1	0	2	2	3	9	5	0
KINGWOOD TWP	18	0	0	0	0	0	0	3	2	7	5	1	0
LAMBERTVILLE CITY	70	2	0	0	1	2	1	5	7	15	20	16	1
LEBANON BORO	22	0	0	1	0	2	0	3	4	2	6	4	0
LEBANON TWP	24	0	0	0	0	0	3	3	3	7	3	5	0
MILFORD BORO	20	2	0	0	0	0	0	2	2	2	10	2	0
RARITAN TWP	57	0	0	0	0	2	1	3	7	12	19	13	0
READINGTON TWP	60	0	0	0	1	4	1	5	9	15	12	13	0
STOCKTON BORO	14	0	0	0	0	1	0	1	3	4	2	3	0
TEWKSBURY TWP	20	0	0	0	0	1	0	0	5	2	5	7	0
UNION TWP	15	0	0	0	0	0	0	1	2	0	7	5	0
WEST AMWELL TWP	8	0	0	0	0	1	0	0	0	1	4	2	0
*TOTAL HUNTERDON	692	10	2	1	6	21	20	48	81	141	207	154	1

TABLE-11 (Continued)

1966

MERCER COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
EAST WINDSOR TWP	102	2	0	0	4	0	5	8	15	27	20	21	0
EWING TWP	295	2	0	0	1	7	5	11	35	74	88	72	0
HAMILTON TWP	761	8	2	4	9	25	18	27	107	218	220	123	0
HIGHTSTOWN BORO	88	0	0	1	1	0	4	2	11	16	19	34	0
HOPEWELL BORO	6	0	0	0	0	1	0	0	0	0	3	2	0
HOPEWELL TWP	74	0	0	0	1	1	2	6	9	14	17	24	0
LAWRENCE TWP	178	0	0	0	1	5	8	10	26	48	40	40	0
PENNINGTON BORO	21	0	0	0	0	0	0	1	4	4	4	8	0
PRINCETON BORO	130	0	1	1	1	3	4	3	13	24	35	45	0
PRINCETON TWP	77	3	0	1	1	1	1	3	8	12	26	21	0
TRENTON CITY	1145	34	5	5	17	54	48	59	191	255	272	204	1
WASHINGTON TWP	40	0	0	0	1	2	0	4	7	12	10	4	0
WEST WINDSOR TWP	20	1	0	0	0	1	1	3	1	4	6	3	0
*TOTAL MERCER	2937	50	8	12	37	100	96	137	427	708	760	601	1

TABLE-11 (Continued)

1966

MIDDLESEX COUNTY

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
CARTERET BORO	226	1	1	1	2	3	7	14	45	73	44	35	0
CRANBURY TWP	66	1	0	0	0	0	0	2	7	25	15	16	0
DUNELLEN BORO	66	0	0	0	0	2	1	2	7	20	17	17	0
EAST BRUNSWICK TWP	226	6	0	0	4	3	8	19	41	49	61	35	0
EDISON TWP	553	11	3	1	8	14	20	29	94	141	133	99	0
HELMETTA BORO	6	0	0	0	0	0	0	0	2	1	3	0	0
HIGHLAND PARK BORO	122	2	0	0	1	3	4	7	13	27	31	34	0
JAMESBURG BORO	83	0	0	0	0	2	1	2	12	21	18	27	0
METUCHEN BORO	146	1	0	1	2	4	5	8	30	33	35	26	1
MIDDLESEX BORO	132	2	0	1	1	2	6	5	19	43	33	20	0
MILLTOWN BORO	67	0	0	0	1	4	3	3	8	17	22	9	0
MONROE TWP	158	0	0	0	3	1	1	13	11	40	59	30	0
NEW BRUNSWICK CITY	369	9	1	2	4	15	18	23	60	81	78	78	0
NORTH BRUNSWICK TWP	163	8	0	1	4	2	9	7	13	44	45	30	0
OLD BRIDGE TWP	295	0	0	2	5	7	9	23	53	62	87	47	0
PERTH AMBOY CITY	425	7	3	4	10	13	17	27	50	119	102	73	0
PISCATAWAY TWP	207	3	2	1	2	9	14	19	28	46	50	33	0
PLAINSBORO TWP	14	1	0	0	2	0	1	1	2	2	4	1	0
SAYREVILLE BORO	295	6	0	2	1	10	2	21	64	101	61	27	0
SOUTH AMBOY CITY	103	0	0	0	0	2	5	9	18	28	27	14	0
SOUTH BRUNSWICK TWP	112	0	1	1	5	5	6	5	24	23	28	14	0
SOUTH PLAINFIELD BORO	133	0	0	1	2	4	2	11	26	35	25	27	0
SOUTH RIVER BORO	156	0	1	0	0	4	3	9	15	46	46	32	0
SPOTSWOOD BORO	86	1	0	0	0	1	3	1	15	26	30	9	0
WOODBRIDGE TWP	748	10	2	0	13	10	21	46	145	212	171	117	1
*TOTAL MIDDLESEX	4957	69	14	18	70	120	166	306	802	1315	1225	850	2

TABLE-11 (Continued)

1986

MONMOUTH COUNTY

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
ABERDEEN TWP	88	5	1	1	1	4	4	6	12	17	17	20	0
ALLENHURST BORO	10	0	0	0	0	0	0	0	1	0	8	1	0
ALLENTOWN BORO	13	0	0	0	0	1	1	1	3	1	3	3	0
ASBURY PARK CITY	303	9	0	1	4	9	15	15	36	73	89	52	0
ATLANTIC HIGHLANDS BORO	60	0	0	0	1	2	1	2	10	13	18	13	0
AVON-BY-THE-SEA BORO	30	0	0	0	1	1	0	0	1	5	15	7	0
BELMAR BORO	77	1	0	0	1	1	0	3	13	12	35	11	0
BRADLEY BEACH BORO	57	0	0	1	1	1	3	2	3	11	20	15	0
BRIELLE BORO	43	1	0	0	0	1	0	3	5	12	10	11	0
COLTS NECK TOWNSHIP	34	2	0	0	0	0	0	2	8	7	7	8	0
DEAL BORO	14	1	0	0	0	1	0	0	1	5	5	1	0
EATONTOWN BORO	108	1	0	0	2	5	0	2	20	26	31	21	0
ENGLISHTOWN BORO	71	0	0	0	0	0	0	4	7	18	23	18	1
FAIR HAVEN BORO	44	0	0	0	0	1	0	3	7	11	13	9	0
FARMINGDALE BORO	15	0	1	0	0	1	0	0	3	4	3	3	0
FREEHOLD BORO	89	0	0	1	1	1	3	1	10	18	32	22	0
FREEHOLD TWP	194	2	0	0	0	6	4	13	25	44	50	50	0
HAZLET TWP	183	2	0	0	3	1	8	11	37	41	54	26	0
HIGHLANDS BORO	56	1	0	0	1	2	0	2	11	17	14	8	0
HOLMDEL TWP	61	0	1	1	1	3	2	2	9	15	9	18	0
HOWELL TWP	204	3	0	1	2	3	10	13	38	45	59	30	0
INTERLAKEN BORO	19	0	0	1	0	1	0	0	0	3	9	5	0
KEANSBURG BORO	178	4	0	0	1	4	2	14	33	43	50	27	0
KEYPORT BORO	112	2	0	0	4	0	2	5	15	16	41	27	0
LITTLE SILVER BORO	42	0	0	0	0	0	3	3	4	10	13	9	0
LOCH ARBOUR VILLAGE	5	0	0	0	0	1	0	0	1	1	1	1	0
LONG BRANCH CITY	331	7	1	1	2	11	10	12	40	83	95	68	1
MANALAPAN TWP	103	1	0	1	4	1	4	4	17	29	23	19	0
MANASQUAN BORO	93	1	0	0	1	1	2	5	9	25	27	22	0
MARLBORO TWP	101	2	0	0	2	2	5	9	20	24	25	12	0
MATAWAN BORO	134	0	0	0	1	1	4	4	26	29	47	22	0
MIDDLETOWN TWP	478	4	1	1	4	4	14	23	89	127	134	77	0
MILLSTONE TWP	27	0	0	1	0	0	1	1	4	3	11	6	0

TABLE-11 (Continued)

1986

MONMOUTH COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
MONMOUTH BEACH BORO	19	0	0	0	1	0	0	0	1	5	4	8	0
NEPTUNE CITY BORO	38	0	0	0	1	1	0	5	3	10	8	10	0
NEPTUNE TWP	450	5	0	1	1	11	15	21	60	89	104	143	0
OCEAN TWP	164	3	0	0	1	6	5	2	25	38	48	36	0
OCEANPORT BORO	46	1	0	0	1	2	0	3	7	9	10	13	0
RED BANK BORO	207	3	0	0	1	4	1	7	15	33	75	68	0
ROOSEVELT BORO	3	0	0	0	0	0	0	0	0	2	1	0	0
RUMSON BORO	57	2	0	0	1	0	1	5	4	11	13	20	0
SEA BRIGHT BORO	16	0	0	0	0	0	0	0	5	3	3	5	0
SEA GIRT BORO	39	0	0	0	0	0	0	0	3	4	20	12	0
SHREWSBURY BORO	15	0	0	0	0	0	1	1	3	3	3	4	0
SHREWSBURY TWP	26	0	0	0	2	1	1	1	3	7	8	3	0
SOUTH BELMAR BORO	27	0	0	0	0	0	0	0	3	6	10	8	0
SPRING LAKE BORO	71	0	0	0	0	1	1	3	3	15	27	21	0
SPRING LAKE HEIGHTS BORO	80	0	0	0	0	0	1	2	10	19	32	16	0
TINTON FALLS BORO	40	0	0	0	0	1	0	4	3	9	14	9	0
UNION BEACH BORO	71	1	0	1	1	0	2	4	14	17	19	12	0
UPPER FREEHOLD TWP	19	0	0	1	0	0	0	2	4	4	6	2	0
WALL TWP	176	1	0	0	5	1	6	13	20	46	53	31	0
WEST LONG BRANCH BORO	60	0	0	0	0	0	2	1	7	12	22	16	0
*TOTAL MONMOUTH	5001	65	5	14	53	98	134	239	711	1130	1471	1079	2

MORRIS COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
BOONTON TOWN	115	3	0	0	1	2	9	4	13	15	29	39	0
BOONTON TWP	13	0	0	0	0	0	0	1	1	3	2	6	0
BUTLER BORO	65	0	0	0	0	3	1	0	11	16	19	15	0
CHATHAM BORO	100	1	0	0	0	0	3	4	9	27	24	32	0
CHATHAM TWP	49	0	0	0	0	0	1	1	4	12	24	7	0
CHESTER BORO	18	0	0	0	0	1	0	0	3	2	7	5	0
CHESTER TWP	14	3	0	1	0	1	1	0	3	0	1	4	0
DENVILLE TWP	128	0	0	0	1	3	4	7	23	20	37	33	0
DOVER TOWN	157	2	1	0	3	2	4	11	27	33	38	36	0

TABLE-11 (Continued)

1986

MORRIS COUNTY

	AGE GROUP												
RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
EAST HANOVER TWP	52	0	0	1	1	0	2	3	9	10	15	11	0
FLORHAM PARK BORO	69	0	0	0	0	0	2	6	9	11	24	17	0
HANOVER TWP	70	0	0	0	1	1	3	4	15	14	21	11	0
HARDING TWP	26	0	0	0	0	0	0	2	2	7	9	6	0
JEFFERSON TWP	103	3	1	0	4	1	3	7	14	21	26	23	0
KINNELON BORO	41	0	0	0	0	0	1	3	5	10	13	9	0
LINCOLN PARK BORO	76	1	0	0	1	1	3	3	8	15	20	24	0
MADISON BORO	122	2	0	0	0	1	3	4	12	36	29	35	0
MENDHAM BORO	33	0	1	0	1	0	0	0	7	4	8	12	0
MENDHAM TWP	32	1	0	1	2	0	1	2	3	6	4	12	0
MINE HILL TWP	34	0	0	0	1	1	2	2	6	6	11	5	0
MONTVILLE TWP	97	1	1	0	3	0	2	6	18	17	32	17	0
MORRIS PLAINS BORO	53	1	0	0	0	1	2	2	5	13	17	12	0
MORRIS TWP	92	1	0	0	0	0	3	3	14	15	30	26	0
MORRISTOWN TOWN	276	4	0	0	6	7	9	14	44	60	65	67	0
MOUNT ARLINGTON BORO	13	0	0	0	0	0	0	1	1	2	6	3	0
MOUNT OLIVE TWP	110	6	0	1	3	4	7	17	12	26	24	10	0
MOUNTAIN LAKES BORO	13	0	0	0	0	0	0	2	1	1	4	5	0
NETCONG BORO	29	0	0	0	1	0	4	1	4	7	9	3	0
PARSIPPANY-TROY HILLS TWP	278	5	2	1	5	11	13	13	43	51	83	51	0
PASSAIC TWP	49	0	0	0	0	0	4	5	5	10	14	11	0
PEQUANNOCK TWP	124	0	0	0	1	4	2	4	14	24	44	31	0
RANDOLPH TWP	86	1	0	1	1	3	6	5	20	11	20	18	0
RIVERDALE BORO	21	0	0	0	0	1	1	0	2	5	8	4	0
ROCKAWAY BORO	70	0	0	1	1	0	3	4	7	20	23	11	0
ROCKAWAY TWP	69	1	0	0	1	2	3	5	9	12	19	17	0
ROXBURY TWP	121	5	0	2	2	3	3	9	23	27	30	17	0
VICTORY GARDENS BORO	5	0	0	0	0	0	1	1	0	3	0	0	0
WASHINGTON TWP	61	0	0	0	1	0	2	4	5	9	17	23	0
WHARTON BORO	56	0	0	0	1	0	0	2	8	13	16	16	0
*TOTAL MORRIS	2940	41	6	9	42	53	108	162	419	594	822	684	0

TABLE-11 (Continued)

1966

OCEAN COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
						AGE GROUP							
BARNEGAT LIGHT BORO	3	0	0	0	0	0	0	0	0	0	2	1	0
BARNEGAT TWP	112	3	0	1	1	2	5	2	15	34	38	11	0
BAY HEAD BORO	17	0	0	0	0	0	0	1	3	3	6	4	0
BEACH HAVEN BORO	30	0	0	0	0	1	0	1	3	12	12	1	0
BEACHWOOD BORO	93	2	0	0	2	3	2	3	15	22	29	15	0
BERKELEY TWP	474	2	0	0	1	4	3	10	34	154	180	86	0
BRICK TWP	639	10	0	1	6	4	8	19	84	174	207	126	0
DOVER TWP	955	3	4	4	13	6	19	33	109	276	315	173	0
EAGLESWOOD TWP	13	0	0	0	0	0	0	0	3	1	7	2	0
HARVEY CEDARS BORO	6	0	0	0	0	0	0	0	0	1	2	3	0
ISLAND HEIGHTS BORO	23	0	0	0	0	0	0	1	4	6	6	6	0
JACKSON TWP	254	3	2	1	8	6	5	21	33	75	67	33	0
LACEY TWP	203	2	2	0	1	4	4	6	21	54	75	34	0
LAKEHURST BORO	126	4	0	0	0	2	5	3	15	31	47	19	0
LAKEWOOD TWP	674	4	1	1	4	11	6	17	60	124	258	188	0
LAVALLETTE BORO	53	0	0	0	0	1	0	1	7	12	19	13	0
LITTLE EGG HARBOR TWP	96	1	0	0	1	0	4	4	17	29	25	15	0
LONG BEACH TWP	44	0	0	0	0	0	0	0	5	9	16	14	0
MANCHESTER TWP	682	1	0	1	1	1	0	6	37	202	307	126	0
MANTOLOKING BORO	13	0	0	0	0	0	0	1	3	4	2	3	0
OCEAN GATE BORO	28	0	0	0	0	0	2	0	2	11	8	5	0
OCEAN TWP	64	0	1	0	1	1	5	3	11	19	14	9	0
PINE BEACH BORO	25	0	0	0	0	0	0	1	3	5	7	9	0
PLUMSTED TWP	48	0	1	0	2	3	1	1	9	16	8	7	0
POINT PLEASANT BEACH BORO	51	0	0	0	0	0	2	2	4	14	17	12	0
POINT PLEASANT BORO	283	1	0	2	4	6	5	8	19	73	90	75	0
SEASIDE HEIGHTS BORO	27	1	0	0	1	2	0	1	2	5	11	4	0
SEASIDE PARK BORO	36	0	0	0	0	0	1	1	2	9	17	8	0
SHIP BOTTOM BORO	22	0	0	0	0	0	0	0	3	7	11	1	0
SOUTH TOMS RIVER BORO	27	2	0	0	1	2	1	3	6	5	4	3	0
STAFFORD TWP	141	2	0	0	3	4	3	3	16	45	42	23	0
SURF CITY BORO	22	0	0	0	0	0	0	0	2	7	9	4	0
TUCKERTON BORO	79	1	1	0	0	2	1	3	10	22	23	16	0
*TOTAL OCEAN	5365	42	12	11	50	65	82	155	557	1461	1881	1049	0

TABLE-II (Continued)

1986

PASSAIC COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
BLOOMINGDALE BORO	70	3	0	0	1	3	1	6	9	16	20	11	0
CLIFTON CITY	941	6	1	2	3	16	17	31	123	238	285	219	0
HALEDON BORO	87	0	0	0	0	0	3	4	11	15	27	27	0
HAWTHORNE BORO	205	2	0	2	0	3	1	8	22	46	64	57	0
LITTLE FALLS TWP	105	1	0	0	0	1	2	5	13	35	27	21	0
NORTH HALEDON BORO	87	0	0	0	0	1	1	0	7	23	25	30	0
PASSAIC CITY	508	11	1	4	4	21	21	23	69	110	141	102	1
PATERSON CITY	1324	39	8	9	21	85	94	103	177	255	305	227	1
POMPTON LAKES BORO	99	1	0	0	1	3	4	3	14	23	28	22	0
PROSPECT PARK BORO	51	1	0	0	0	2	0	2	7	10	16	13	0
RINGWOOD BORO	62	0	0	1	2	0	6	3	13	10	19	8	0
TOTOWA BORO	97	0	0	0	2	0	1	5	7	23	37	22	0
WANAQUE BORO	85	0	0	1	4	1	4	4	14	19	19	19	0
WAYNE TWP	366	2	0	2	4	3	9	17	53	66	101	109	0
WEST MILFORD TWP	126	3	0	2	4	2	2	11	20	24	37	21	0
WEST PATERSON BORO	85	2	0	1	1	3	2	0	17	24	23	12	0
*TOTAL PASSAIC	4298	71	10	24	47	144	168	225	576	937	1174	920	2

SALEM COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
ALLOWAY TWP	10	0	0	0	0	0	0	1	3	3	2	1	0
CARNEYS POINT TWP	85	2	0	0	1	0	0	5	10	20	26	21	0
ELMER BORO	46	1	0	0	1	4	0	1	5	10	14	10	0
ELSINBORO TWP	2	0	0	0	0	1	0	0	0	1	0	0	0
LOWER ALLOWAY CREEK TWP	6	0	0	0	0	0	0	2	3	1	0	0	0
MANNINGTON TWP	7	0	0	0	0	0	1	1	2	1	1	1	0
OLDMANS TWP	19	0	0	0	3	0	0	1	0	8	3	4	0
PENNS GROVE BORO	67	3	0	0	2	1	1	2	12	23	15	8	0
PENNSVILLE TWP	133	4	0	0	0	2	0	9	23	34	38	23	0
PILESGROVE TWP	14	1	0	0	0	0	0	2	1	2	3	5	0
PITTSGROVE TWP	47	1	0	0	0	0	1	3	8	18	11	5	0
QUINTON TWP	16	0	0	0	0	0	0	2	0	7	4	3	0
SALEM CITY	111	2	0	3	1	3	3	5	17	29	31	17	0
UPPER PITTSGROVE TWP	18	0	0	0	0	1	1	0	2	4	5	5	0
WOODSTOWN BORO	54	0	1	0	0	0	1	3	4	9	17	19	0
*TOTAL SALEM	635	14	1	3	8	12	8	37	90	170	170	122	0

TABLE-11 (Continued)

1986

SOMERSET COUNTY

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
BEDMINSTER TWP	31	0	0	0	2	2	1	1	6	2	13	4	0
BERNARDS TWP	108	1	0	0	1	1	6	7	20	19	31	22	0
BERNARDSVILLE BORO	21	0	0	0	0	0	0	1	1	6	6	7	0
BOUND BROOK BORO	105	1	0	0	1	1	4	10	14	14	29	31	0
BRANCHBURG TWP	47	0	0	0	2	0	1	2	6	13	13	9	1
BRIDGEWATER TWP	197	1	1	1	6	2	6	11	38	38	48	45	0
FAR HILLS BORO	6	0	0	0	0	0	0	0	2	0	1	3	0
FRANKLIN TWP	237	6	2	0	5	10	8	12	27	48	61	58	0
GREEN BROOK TWP	29	0	0	0	0	0	2	1	8	4	5	9	0
HILLSBOROUGH TWP	102	1	0	0	1	3	4	11	18	18	27	19	0
MANVILLE BORO	113	1	0	0	1	0	2	12	29	42	16	10	0
MILLSTONE BORO	5	0	0	0	0	0	0	0	3	2	0	0	0
MONTGOMERY TWP	45	0	0	1	2	1	3	4	5	10	10	9	0
NORTH PLAINFIELD BORO	140	3	0	1	2	6	6	6	20	34	32	30	0
PEAPACK-GLADSTONE BORO	18	0	0	0	0	0	0	0	3	2	7	6	0
RARITAN BORO	56	1	0	0	0	0	1	5	5	14	16	14	0
ROCKY HILL BORO	2	0	0	0	0	0	0	0	0	1	0	1	0
SOMERVILLE BORO	182	3	1	1	1	4	4	8	30	49	46	35	0
SOUTH BOUND BROOK BORO	26	0	0	0	0	1	0	3	2	5	3	12	0
WARREN TWP	77	0	0	0	0	1	3	3	15	20	11	24	0
WATCHUNG BORO	30	0	0	0	0	0	0	2	4	3	13	8	0
*TOTAL SOMERSET	1577	18	4	4	24	32	51	99	256	344	388	356	1

TABLE-11 (Continued)

1966

SUSSEX COUNTY

		AGE GROUP											
RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
ANDOVER BORO	10	0	1	0	1	0	1	0	0	3	3	1	0
ANDOVER TWP	62	0	0	0	0	2	1	3	1	11	20	24	0
BRANCHVILLE BORO	29	1	0	0	1	1	0	2	2	10	7	5	0
BYRAM TWP	19	0	0	0	1	0	2	1	3	5	6	1	0
FRANKFORD TWP	58	0	0	0	0	1	3	4	9	13	18	10	0
FRANKLIN BORO	42	2	0	0	0	0	0	2	10	9	14	5	0
FREDON TWP	15	0	0	0	1	0	0	0	2	3	4	5	0
GREEN TWP	7	1	0	0	0	0	1	1	0	2	1	1	0
HAMBURG BORO	21	0	0	0	0	0	1	0	4	5	9	2	0
HAMPTON TWP	23	1	0	0	0	0	0	0	6	6	4	6	0
HARDYSTON TWP	31	0	0	0	1	0	3	1	1	9	8	8	0
HOPATCONG BORO	65	1	1	0	0	0	5	5	6	19	19	9	0
LAFAYETTE TWP	25	0	0	0	0	1	1	2	4	2	8	7	0
MONTAGUE TWP	21	0	1	0	0	1	0	0	4	7	6	2	0
NEWTON TOWN	116	2	0	1	1	2	2	5	11	16	43	33	0
OGDENSBURG BORO	16	0	0	0	0	0	1	2	3	4	3	3	0
SANDYSTON TWP	18	0	0	0	0	1	0	1	4	8	3	1	0
SPARTA TWP	70	0	0	0	1	2	3	6	11	13	22	12	0
STANHOPE BORO	30	1	0	0	0	2	2	4	4	6	6	5	0
STILLWATER TWP	30	1	0	1	0	1	2	2	4	8	8	3	0
SUSSEX BORO	53	0	0	0	1	0	3	3	5	15	17	9	0
VERNON TWP	61	3	0	2	3	4	1	4	7	16	18	3	0
WALPACK TWP	1	0	0	0	0	0	0	0	0	0	0	1	0
WANTAGE TWP	37	0	0	0	1	0	0	2	6	13	12	3	0
*TOTAL SUSSEX	860	13	3	4	12	18	32	50	107	203	259	159	0

TABLE-11 (Continued)

1986

UNION COUNTY

		AGE GROUP										
RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
BERKELEY HEIGHTS TWP	89	0	0	1	1	2	4	5	11	20	21	24	0
CLARK TWP	130	1	1	0	1	2	3	6	21	34	41	20	0
CRANFORD TWP	232	2	0	0	2	3	3	11	32	55	65	59	0
ELIZABETH CITY	1129	16	5	1	14	42	53	63	148	246	291	250	0
FANWOOD BORO	44	0	0	0	0	2	2	2	8	15	8	7	0
GARWOOD BORO	51	0	0	0	1	1	0	1	11	14	14	9	0
HILLSIDE TWP	215	1	0	0	3	2	8	20	34	47	63	37	0
KENILWORTH BORO	86	0	0	0	2	2	1	4	11	25	29	12	0
LINDEN CITY	413	5	1	1	5	7	12	16	62	108	126	70	0
MOUNTAINSIDE BORO	52	1	0	0	0	1	1	3	10	16	10	10	0
NEW PROVIDENCE BORO	74	0	0	0	2	2	1	3	10	16	20	20	0
PLAINFIELD CITY	438	13	3	3	6	28	17	24	66	98	93	87	0
RAHWAY CITY	262	8	0	1	2	3	10	10	51	58	51	68	0
ROSELLE BORO	227	0	0	0	3	7	10	12	30	55	67	43	0
ROSELLE PARK BORO	131	1	0	0	2	2	2	3	19	36	34	32	0
SCOTCH PLAINS TWP	166	0	0	0	1	4	5	8	25	34	44	45	0
SPRINGFIELD TWP	182	0	0	0	0	2	1	7	20	45	56	51	0
SUMMIT CITY	180	2	0	0	0	3	2	10	18	36	51	58	0
UNION TWP	681	3	0	3	2	13	8	30	83	153	236	150	0
WESTFIELD TOWN	239	1	0	0	3	3	5	14	36	49	71	57	0
WINFIELD TWP	23	0	0	0	0	0	0	2	2	8	7	4	0
*TOTAL UNION	5044	54	10	10	50	131	148	254	708	1168	1398	1113	0

TABLE-11 (Continued)

1986

WARREN COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
ALLAMUCHY TWP	16	0	1	0	0	0	0	1	1	1	5	7	0
ALPHA BORO	27	0	0	0	0	0	1	2	3	10	8	3	0
BELVIDERE TOWN	53	1	0	1	4	0	2	3	6	17	13	6	0
BLAIRSTOWN TWP	54	0	3	0	2	2	2	4	11	7	15	8	0
FRANKLIN TWP	19	1	0	0	1	0	0	2	3	6	4	2	0
FRELINGHUYSEN TWP	6	0	0	0	1	0	0	1	1	2	0	1	0
GREENWICH TWP	15	1	0	0	0	0	0	0	4	2	5	3	0
HACKETTSTOWN TOWN	104	5	0	1	0	2	2	5	6	24	27	32	0
HARDWICK TWP	6	0	0	0	0	0	0	0	0	3	1	2	0
HARMONY TWP	9	0	0	0	0	0	0	1	0	0	5	3	0
HOPE TWP	10	0	0	0	1	0	0	0	2	1	6	0	0
INDEPENDENCE TWP	21	1	0	0	0	1	1	2	1	1	11	3	0
KNOWLTON TWP	24	0	0	0	0	0	1	1	6	5	5	6	0
LIBERTY TWP	5	0	0	0	0	1	0	0	0	1	3	0	0
LOPATCONG TWP	40	0	0	0	0	0	1	1	1	10	15	12	0
MANSFIELD TWP	31	1	0	0	2	1	2	3	5	6	5	6	0
OXFORD TWP	24	0	0	0	0	1	0	1	2	4	7	9	0
PAHAQUARRY TWP	1	0	0	0	0	0	0	0	0	1	0	0	0
PHILLIPSBURG TOWN	250	1	0	1	3	3	5	11	34	64	71	57	0
POHATCONG TWP	16	0	0	0	0	0	0	0	2	6	5	3	0
WASHINGTON BORO	10	0	0	0	2	0	0	0	0	4	1	3	0
WASHINGTON TWP	103	1	1	0	1	0	4	4	8	25	34	25	0
WHITE TWP	10	0	0	0	0	1	0	2	3	3	1	0	0
*TOTAL WARREN	854	12	5	3	17	12	21	44	99	203	247	191	0

TABLE-11 (Continued)

1986

STATE INST

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
HUNTERDON STATE SCHOOL	1	0	0	0	0	0	0	0	0	1	0	0	0
N J ST COLONY MALES NEW L	1	0	0	0	0	0	0	0	0	0	0	1	0
N J ST HOSP GREYSTONE	4	0	0	0	0	0	0	0	1	0	3	0	0
N J ST HOSP TRENTON	2	0	0	0	0	0	0	0	0	2	0	0	0
N J ST PRISON	1	0	0	0	1	0	0	0	0	0	0	0	0
*TOTAL STATE INST	9	0	0	0	1	0	0	0	1	3	3	1	0

MILITARY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
FORT DIX	2	0	1	0	0	1	0	0	0	0	0	0	0
MCGUIRE AIR BASE FORT DIX	2	2	0	0	0	0	0	0	0	0	0	0	0
N J ST VETS ADM HOSP LYON	8	0	0	0	0	0	0	1	1	5	1	0	0
VETERANS HOSPITAL EAST OR	1	0	0	0	0	0	0	0	0	1	0	0	0
*TOTAL MILITARY	13	2	1	0	0	1	0	1	1	6	1	0	0

TABLE-12

RESIDENT DEATHS -- BY PLACE OF RESIDENCE, SEX AND RACE
1986

ATLANTIC COUNTY

		SEX			RACE			
RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
ABSECON CITY	77	38	39	0	75	1	0	1
ATLANTIC CITY	696	326	370	0	425	263	4	4
BRIGANTINE CITY	93	61	32	0	93	0	0	0
BUENA BORO	48	24	24	0	46	2	0	0
BUENA VISTA TWP	44	24	20	0	29	15	0	0
CORBIN CITY	8	1	7	0	8	0	0	0
EGG HARBOR CITY	77	43	34	0	67	9	0	1
EGG HARBOR TWP	83	45	38	0	77	5	1	0
ESTELL MANOR CITY	8	5	3	0	7	1	0	0
FOLSOM BORO	17	9	8	0	17	0	0	0
GALLOWAY TWP	80	46	34	0	78	2	0	0
HAMILTON TWP	139	79	60	0	112	26	1	0
HAMMONTON TOWN	156	96	60	0	153	2	1	0
LINWOOD CITY	64	31	33	0	64	0	0	0
LONGPORT BORO	29	14	15	0	29	0	0	0
MARGATE CITY	128	64	63	1	128	0	0	0
MULLICA TWP	31	17	14	0	26	5	0	0
NORTHFIELD CITY	86	47	39	0	85	0	0	1
PLEASANTVILLE CITY	211	100	111	0	129	79	3	0
PORT REPUBLIC CITY	6	3	3	0	6	0	0	0
SOMERS POINT CITY	145	63	82	0	143	1	1	0
VENTNOR CITY	168	87	81	0	168	0	0	0
WEYMOUTH TWP	14	9	5	0	12	2	0	0
*TOTAL ATLANTIC	2408	1232	1175	1	1977	413	11	7

TABLE-12 (Continued)

1986

BERGEN COUNTY

		SEX			RACE			
RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
ALLENDALE BORO	28	9	19	0	28	0	0	0
ALPINE BORO	15	9	6	0	14	1	0	0
BERGENFIELD BORO	248	123	125	0	241	3	4	0
BOGOTA BORO	67	28	39	0	65	1	1	0
CARLSTADT BORO	66	35	31	0	64	1	1	0
CLIFFSIDE PARK BORO	256	123	133	0	254	1	1	0
CLOSTER BORO	67	30	37	0	65	1	1	0
CRESSKILL BORO	60	30	30	0	59	0	1	0
DEMAREST BORO	29	14	15	0	27	2	0	0
DUMONT BORO	195	106	89	0	193	2	0	0
EAST RUTHERFORD BORO	89	51	38	0	88	1	0	0
EDGEWATER BORO	44	18	26	0	43	1	0	0
ELMWOOD PARK BORO	216	116	100	0	211	0	5	0
EMERSON BORO	78	36	42	0	78	0	0	0
ENGLEWOOD CITY	237	114	123	0	141	93	3	0
ENGLEWOOD CLIFFS BORO	36	16	20	0	35	1	0	0
FAIR LAWN BORO	353	170	183	0	350	1	2	0
FAIRVIEW BORO	144	64	80	0	144	0	0	0
FORT LEE BORO	329	167	162	0	315	3	11	0
FRANKLIN LAKES BORO	50	24	26	0	50	0	0	0
GARFIELD CITY	314	163	151	0	309	4	1	0
GLEN ROCK BORO	94	46	48	0	92	1	1	0
HACKENSACK CITY	388	190	198	0	323	59	6	0
HARRINGTON PARK BORO	37	17	20	0	36	0	1	0
HASBROUCK HEIGHTS BORO	117	51	66	0	117	0	0	0
HAWORTH BORO	27	13	14	0	26	0	1	0
HILLSDALE BORO	74	35	38	1	72	1	0	1
HOHOKUS BORO	41	15	26	0	40	0	1	0
LEONIA BORO	67	34	33	0	64	1	2	0
LITTLE FERRY BORO	93	37	56	0	92	1	0	0
LODI BORO	245	113	132	0	242	3	0	0
LYNDHURST TWP	226	111	115	0	226	0	0	0
MAHWAH TWP	78	45	33	0	73	3	2	0
MAYWOOD BORO	112	62	50	0	111	0	1	0
MIDLAND PARK BORO	69	32	37	0	68	0	1	0
MONTVALE BORO	38	19	19	0	36	0	2	0
MOONACHIE BORO	37	22	15	0	37	0	0	0

TABLE-12 (Continued)

1986

BERGEN COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
NEW MILFORD BORO	204	95	109	0	202	0	2	0
NORTH ARLINGTON BORO	167	85	82	0	167	0	0	0
NORTHVALE BORO	40	18	22	0	40	0	0	0
NORWOOD BORO	39	18	21	0	37	0	2	0
OAKLAND BORO	57	35	22	0	57	0	0	0
OLD TAPPAN BORO	24	11	13	0	24	0	0	0
ORADELL BORO	69	38	31	0	67	0	2	0
PALISADES PARK BORO	135	74	61	0	135	0	0	0
PARAMUS BORO	230	104	126	0	222	1	7	0
PARK RIDGE BORO	60	37	23	0	58	1	1	0
RAMSEY BORO	90	42	48	0	88	0	2	0
RIDGEFIELD BORO	128	62	66	0	127	0	1	0
RIDGEFIELD PARK TWP	92	48	44	0	91	1	0	0
RIDGEWOOD VIL	207	86	121	0	202	3	2	0
RIVER EDGE BORO	120	57	63	0	119	0	1	0
RIVER VALE TWP	63	35	28	0	63	0	0	0
ROCHELLE PARK TWP	82	47	35	0	82	0	0	0
ROCKLEIGH BORO	1	1	0	0	1	0	0	0
RUTHERFORD BORO	183	82	101	0	176	5	1	1
SADDLE BROOK TWP	147	71	76	0	147	0	0	0
SADDLE RIVER BORO	25	12	13	0	25	0	0	0
SOUTH HACKENSACK TWP	17	5	12	0	16	1	0	0
TEANECK TWP	344	183	161	0	273	62	9	0
TENAFLY BORO	121	45	76	0	120	1	0	0
UPPER SADDLE RIVER BORO	39	20	19	0	37	1	1	0
WALDWICK BORO	76	42	34	0	76	0	0	0
WALLINGTON BORO	125	68	57	0	123	2	0	0
WASHINGTON TWP	65	32	33	0	64	0	1	0
WESTWOOD BORO	117	52	65	0	111	5	1	0
WOOD-RIDGE BORO	68	39	29	0	67	1	0	0
WOODCLIFF LAKE BORO	28	16	12	0	27	0	1	0
WYCKOFF TWP	128	54	74	0	126	2	0	0
*TOTAL BERGEN	7955	3902	4052	1	7599	271	83	2

TABLE-12 (Continued)

1986

BURLINGTON COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BASS RIVER TWP	16	13	3	0	16	0	0	0
BEVERLY CITY	45	22	23	0	35	9	1	0
BORDENTOWN CITY	75	43	32	0	64	10	0	1
BORDENTOWN TWP	44	22	22	0	42	2	0	0
BURLINGTON CITY	162	72	90	0	121	41	0	0
BURLINGTON TWP	66	37	29	0	60	5	0	1
CHESTERFIELD TWP	14	9	5	0	14	0	0	0
CINNAMINSON TWP	112	53	59	0	101	10	1	0
DELANCO TWP	47	24	23	0	45	1	1	0
DELRAN TWP	67	36	31	0	66	1	0	0
EASTAMPTON TWP	12	8	4	0	12	0	0	0
EDGEWATER PARK TWP	43	24	19	0	36	6	0	1
EVESHAM TWP	137	75	62	0	133	4	0	0
FIELDSBORO BORO	4	2	2	0	3	1	0	0
FLORENCE TWP	87	47	40	0	85	2	0	0
HAINESPORT TWP	12	6	6	0	12	0	0	0
LUMBERTON TWP	28	10	18	0	28	0	0	0
MANSFIELD TWP	25	14	11	0	25	0	0	0
MAPLE SHADE TWP	229	114	115	0	224	5	0	0
MEDFORD LAKES BORO	21	12	9	0	21	0	0	0
MEDFORD TWP	128	57	71	0	127	1	0	0
MOORESTOWN TWP	150	59	91	0	139	11	0	0
MOUNT HOLLY TWP	157	66	91	0	140	17	0	0
MOUNT LAUREL TWP	131	74	56	1	123	7	1	0
NEW HANOVER TWP	3	1	2	0	2	1	0	0
NORTH HANOVER TWP	17	9	8	0	17	0	0	0
PALMYRA BORO	73	36	37	0	62	11	0	0
PEMBERTON BORO	67	29	38	0	52	14	1	0
PEMBERTON TWP	170	93	77	0	138	29	3	0
RIVERSIDE TWP	117	60	57	0	114	3	0	0
RIVERTON BORO	28	12	16	0	26	2	0	0
SHAMONG TWP	12	6	6	0	12	0	0	0

TABLE-12 (Continued)

1986

BURLINGTON COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
SOUTHAMPTON TWP	155	97	58	0	154	1	0	0
SPRINGFIELD TWP	8	5	3	0	7	0	1	0
TABERNACLE TWP	36	19	17	0	35	1	0	0
WASHINGTON TWP	9	3	6	0	9	0	0	0
WESTAMPTON TWP	18	15	3	0	18	0	0	0
WILLINGBORO TWP	210	120	90	0	121	86	3	0
WOODLAND TWP	9	4	5	0	8	1	0	0
WRIGHTSTOWN BORO	16	8	8	0	14	2	0	0
*TOTAL BURLINGTON	2760	1416	1343	1	2461	284	12	3

CAMDEN COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
AUDUBON BORO	111	48	63	0	111	0	0	0
AUDUBON PARK BORO	25	14	11	0	24	0	1	0
BARRINGTON BORO	55	30	25	0	55	0	0	0
BELLMAWR BORO	123	77	46	0	120	1	2	0
BERLIN BORO	100	56	44	0	84	15	0	1
BERLIN TWP	42	21	21	0	39	3	0	0
BROOKLAWN BORO	23	13	10	0	23	0	0	0
CAMDEN CITY	872	480	391	1	404	467	1	0
CHERRY HILL TWP	574	284	290	0	558	12	4	0
CHESILHURST BORO	14	7	7	0	7	7	0	0
CLEMENTON BORO	73	38	35	0	71	2	0	0
COLLINGSWOOD BORO	186	84	102	0	186	0	0	0
GIBBSBORO BORO	19	10	9	0	17	0	2	0
GLOUCESTER CITY	208	102	106	0	207	0	0	1
GLOUCESTER TWP	248	113	135	0	241	7	0	0
HADDON HEIGHTS BORO	95	40	55	0	95	0	0	0
HADDON TWP	180	83	97	0	176	3	1	0
HADDONFIELD BORO	91	43	48	0	90	1	0	0
HI-NELLA BORO	8	3	5	0	8	0	0	0

TABLE-12 (Continued)

1986

CAMDEN COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
LAUREL SPRINGS BORO	30	16	14	0	30	0	0	0
LAWNSIDE BORO	35	22	13	0	0	35	0	0
LINDENWOLD BORO	152	77	75	0	135	15	2	0
MAGNOLIA BORO	47	30	17	0	39	8	0	0
MERCHANTVILLE BORO	54	22	32	0	52	2	0	0
MOUNT EPHRAIM BORO	75	41	34	0	75	0	0	0
OAKLYN BORO	67	31	36	0	67	0	0	0
PENNSAUKEN TWP	388	179	209	0	354	32	2	0
PINE HILL BORO	90	50	40	0	84	6	0	0
RUNNEMEDE BORO	99	56	43	0	99	0	0	0
SOMERDALE BORO	75	41	34	0	69	6	0	0
STRATFORD BORO	62	32	30	0	62	0	0	0
VOORHEES TWP	109	43	66	0	94	14	1	0
WATERFORD TWP	60	31	29	0	56	4	0	0
WINSLOW TWP	133	78	55	0	109	23	1	0
WOOD-LYNNE BORO	21	10	11	0	21	0	0	0
*TOTAL CAMDEN	4544	2305	2238	1	3862	663	17	2

TABLE-12 (Continued)

1966

CAPE MAY COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
AVALON BORO	29	15	14	0	29	0	0	0
CAPE MAY CITY	101	51	50	0	95	6	0	0
CAPE MAY POINT BORO	8	4	4	0	8	0	0	0
DENNIS TWP	56	27	29	0	55	0	1	0
LOWER TWP	257	136	121	0	256	1	0	0
MIDDLE TWP	149	76	73	0	128	21	0	0
NORTH WILDWOOD CITY	61	35	26	0	61	0	0	0
OCEAN CITY	199	93	106	0	193	6	0	0
SEA ISLE CITY	39	20	19	0	39	0	0	0
STONE HARBOR BORO	19	10	9	0	19	0	0	0
UPPER TWP	80	50	30	0	80	0	0	0
WEST CAPE MAY BORO	20	11	9	0	17	3	0	0
WEST WILDWOOD BORO	8	6	2	0	8	0	0	0
WILDWOOD CITY	96	54	42	0	88	8	0	0
WILDWOOD CREST BORO	55	27	28	0	55	0	0	0
WOODBINE BORO	32	16	16	0	20	12	0	0
*TOTAL CAPE MAY	1209	631	578	0	1151	57	1	0

TABLE-12 (Continued)

1986

CUMBERLAND COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BRIDGETON CITY	296	161	134	1	207	86	3	0
COMMERCIAL TWP	38	20	18	0	26	12	0	0
DEERFIELD TWP	15	8	7	0	14	1	0	0
DOWNE TWP	23	16	7	0	21	2	0	0
FAIRFIELD TWP	41	29	12	0	23	15	3	0
GREENWICH TWP	13	3	10	0	10	2	1	0
HOPEWELL TWP	33	22	11	0	30	2	1	0
LAWRENCE TWP	18	11	7	0	14	4	0	0
MAURICE RIVER TWP	29	19	10	0	29	0	0	0
MILLVILLE CITY	320	155	165	0	301	18	0	1
SHILOH BORO	5	1	4	0	5	0	0	0
STOW CREEK TWP	12	9	3	0	12	0	0	0
UPPER DEERFIELD TWP	38	23	15	0	33	3	2	0
VINELAND CITY	498	267	231	0	463	35	0	0
*TOTAL CUMBERLAND	1379	744	634	1	1188	180	10	1

TABLE-12 (Continued)

1986

ESSEX COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BELLEVILLE TOWN	365	177	188	0	348	14	3	0
BLOOMFIELD TOWN	484	240	244	0	472	10	2	0
CALDWELL BORO	113	45	68	0	113	0	0	0
CEDAR GROVE TWP	120	48	72	0	119	0	1	0
EAST ORANGE CITY	819	398	421	0	256	556	3	4
ESSEX FELLS BORO	28	18	10	0	27	0	1	0
FAIRFIELD BORO	46	27	19	0	45	1	0	0
GLEN RIDGE BORO	69	32	37	0	69	0	0	0
IRVINGTON TOWN	665	322	343	0	473	188	3	1
LIVINGSTON TWP	205	105	100	0	201	0	4	0
MAPLEWOOD TWP	244	137	107	0	234	9	1	0
MILLBURN TWP	169	76	93	0	167	1	1	0
MONTCLAIR TOWN	421	186	235	0	289	130	2	0
NEWARK CITY	3085	1719	1366	0	1194	1864	16	11
NORTH CALDWELL BORO	25	5	19	1	25	0	0	0
NUTLEY TOWN	285	126	159	0	280	4	1	0
ORANGE CITY	347	183	164	0	185	160	1	1
ROSELAND BORO	56	31	25	0	56	0	0	0
SOUTH ORANGE VIL	143	77	66	0	128	13	2	0
VERONA BORO	129	66	63	0	127	1	1	0
WEST CALDWELL BORO	96	36	60	0	96	0	0	0
WEST ORANGE TOWN	487	239	248	0	473	8	5	1
*TOTAL ESSEX	8401	4293	4107	1	5377	2959	47	18

TABLE-12 (Continued)

1986

GLOUCESTER COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
CLAYTON BORO	36	22	14	0	28	8	0	0
DEPTFORD TWP	169	100	69	0	154	15	0	0
EAST GREENWICH TWP	42	24	18	0	39	3	0	0
ELK TWP	6	5	1	0	5	1	0	0
FRANKLIN TWP	100	62	38	0	88	11	0	1
GLASSBORO BORO	119	57	62	0	90	29	0	0
GREENWICH TWP	49	24	25	0	44	4	0	1
HARRISON TWP	37	18	19	0	34	3	0	0
LOGAN TWP	12	8	4	0	10	2	0	0
MANTUA TWP	115	61	54	0	106	9	0	0
MONROE TWP	208	108	100	0	185	21	1	1
NATIONAL PARK BORO	28	13	15	0	28	0	0	0
NEWFIELD BORO	33	14	19	0	30	3	0	0
PAULSBORO BORO	98	44	54	0	75	23	0	0
PITMAN BORO	102	44	58	0	99	2	1	0
SOUTH HARRISON TWP	2	0	2	0	2	0	0	0
SWEDESBORO BORO	40	25	15	0	33	7	0	0
WASHINGTON TWP	95	44	51	0	89	6	0	0
WENONAH BORO	40	23	17	0	35	5	0	0
WEST DEPTFORD TWP	112	65	47	0	105	6	0	1
WESTVILLE BORO	80	32	48	0	74	5	0	1
WOODBURY CITY	157	68	89	0	135	21	1	0
WOODBURY HEIGHTS BORO	25	16	9	0	23	2	0	0
WOOLWICH TWP	6	5	1	0	6	0	0	0
*TOTAL GLOUCESTER	1711	882	829	0	1517	186	3	5

TABLE-12 (Continued)

1966

HUDSON COUNTY

		SEX			RACE			
RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BAYONNE CITY	853	435	418	0	831	19	3	0
EAST NEWARK BORO	15	8	7	0	15	0	0	0
GUTTENBERG TOWN	66	29	37	0	65	0	1	0
HARRISON TOWN	112	58	54	0	109	0	2	1
HOBOKEN CITY	359	187	172	0	339	17	3	0
JERSEY CITY	2399	1279	1118	2	1774	583	41	1
KEARNY TOWN	363	187	176	0	359	1	3	0
NORTH BERGEN TWP	519	265	254	0	509	4	5	1
SECAUCUS TOWN	156	67	89	0	154	0	2	0
UNION CITY	435	231	204	0	426	2	6	1
WEEHAWKEN TWP	125	69	56	0	124	0	0	1
WEST NEW YORK TOWN	348	176	171	1	346	2	0	0
*TOTAL HUDSON	5750	2991	2756	3	5051	628	66	5

TABLE-12 (Continued)

1986

HUNTERDON COUNTY

		SEX			RACE			
RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
ALEXANDRIA TWP	21	9	12	0	21	0	0	0
BETHELEM TWP	11	4	7	0	11	0	0	0
BLOOMSBURY BORO	8	3	5	0	8	0	0	0
CALIFON BORO	10	2	8	0	10	0	0	0
CLINTON TOWN	28	16	12	0	28	0	0	0
CLINTON TWP	31	18	13	0	31	0	0	0
DELAWARE TWP	17	9	8	0	16	0	1	0
EAST AMWELL TWP	21	12	9	0	20	1	0	0
FLEMINGTON BORO	88	47	41	0	85	3	0	0
FRANKLIN TWP	28	11	17	0	28	0	0	0
FRENCHTOWN BORO	19	8	11	0	19	0	0	0
GLEN GARDNER BORO	25	11	14	0	23	2	0	0
HAMPTON BORO	18	6	12	0	18	0	0	0
HIGH BRIDGE BORO	17	10	7	0	17	0	0	0
HOLLAND TWP	22	14	8	0	22	0	0	0
KINGWOOD TWP	18	11	7	0	16	2	0	0
LAMBERTVILLE CITY	70	38	32	0	69	1	0	0
LEBANON BORO	22	13	9	0	22	0	0	0
LEBANON TWP	24	7	17	0	23	1	0	0
MILFORD BORO	20	12	8	0	20	0	0	0
RARITAN TWP	57	31	26	0	56	0	1	0
READINGTON TWP	60	26	34	0	60	0	0	0
STOCKTON BORO	14	8	6	0	14	0	0	0
TEWKSBURY TWP	20	11	9	0	20	0	0	0
UNION TWP	15	7	8	0	14	1	0	0
WEST AMWELL TWP	8	5	3	0	8	0	0	0
*TOTAL HUNTERDON	692	349	343	0	679	11	2	0

TABLE-12 (Continued)

1986

MERCER COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
EAST WINDSOR TWP	102	47	55	0	98	3	1	0
EWING TWP	295	156	139	0	257	37	1	0
HAMILTON TWP	761	394	367	0	731	28	2	0
HIGHTSTOWN BORO	88	30	58	0	80	8	0	0
HOPEWELL BORO	6	3	3	0	6	0	0	0
HOPEWELL TWP	74	34	40	0	72	2	0	0
LAWRENCE TWP	178	86	92	0	165	13	0	0
PENNINGTON BORO	21	13	8	0	20	1	0	0
PRINCETON BORO	130	58	72	0	114	14	2	0
PRINCETON TWP	77	36	41	0	63	13	1	0
TRENTON CITY	1145	594	551	0	741	399	4	1
WASHINGTON TWP	40	20	20	0	39	1	0	0
WEST WINDSOR TWP	20	9	11	0	18	1	1	0
*TOTAL MERCER	2937	1480	1457	0	2404	520	12	1

TABLE-12 (Continued)

1986

MIDDLESEX COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
CARTERET BORO	226	120	106	0	213	13	0	0
CRANBURY TWP	66	39	27	0	62	3	1	0
DUNELLEN BORO	66	29	37	0	66	0	0	0
EAST BRUNSWICK TWP	226	120	106	0	218	3	5	0
EDISON TWP	553	297	256	0	527	21	5	0
HELMETTA BORO	6	3	3	0	6	0	0	0
HIGHLAND PARK BORO	122	56	66	0	113	8	1	0
JAMESBURG BORO	83	47	36	0	79	3	1	0
METUCHEN BORO	146	68	78	0	139	5	2	0
MIDDLESEX BORO	132	65	67	0	128	4	0	0
MILLTOWN BORO	67	39	28	0	66	1	0	0
MONROE TWP	158	82	76	0	156	1	1	0
NEW BRUNSWICK CITY	369	197	172	0	274	94	1	0
NORTH BRUNSWICK TWP	163	89	74	0	157	4	2	0
OLD BRIDGE TWP	295	161	134	0	291	3	1	0
PERTH AMBOY CITY	425	225	200	0	394	28	3	0
PISCATAWAY TWP	207	104	103	0	170	27	10	0
PLAINSBORO TWP	14	10	4	0	14	0	0	0
SAYREVILLE BORO	295	173	122	0	290	4	1	0
SOUTH AMBOY CITY	103	57	46	0	102	0	1	0
SOUTH BRUNSWICK TWP	112	59	53	0	106	3	3	0
SOUTH PLAINFIELD BORO	133	74	59	0	126	6	0	1
SOUTH RIVER BORO	156	82	74	0	150	5	1	0
SPOTSWOOD BORO	86	41	45	0	84	0	2	0
WOODBRIDGE TWP	748	414	334	0	722	18	7	1
*TOTAL MIDDLESEX	4957	2651	2306	0	4653	254	48	2

TABLE-12 (Continued)

1986

MONMOUTH COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
ABERDEEN TWP	88	42	46	0	72	14	1	1
ALLENHURST BORO	10	4	6	0	10	0	0	0
ALLENTOWN BORO	13	7	6	0	10	3	0	0
ASBURY PARK CITY	303	152	151	0	200	102	1	0
ATLANTIC HIGHLANDS BORO	60	35	25	0	57	3	0	0
AVON-BY-THE-SEA BORO	30	15	15	0	29	0	0	1
BELMAR BORO	77	38	39	0	74	3	0	0
BRADLEY BEACH BORO	57	30	27	0	57	0	0	0
BRIELLE BORO	43	24	19	0	36	7	0	0
COLTS NECK TOWNSHIP	34	16	18	0	33	0	1	0
DEAL BORO	14	9	5	0	14	0	0	0
EATONTOWN BORO	108	50	58	0	101	7	0	0
ENGLISHTOWN BORO	71	45	26	0	69	2	0	0
FAIR HAVEN BORO	44	20	24	0	39	5	0	0
FARMINGDALE BORO	15	8	7	0	14	1	0	0
FREEHOLD BORO	89	46	43	0	83	5	1	0
FREEHOLD TWP	194	96	98	0	181	11	2	0
HAZLET TWP	183	100	83	0	183	0	0	0
HIGHLANDS BORO	56	34	22	0	54	2	0	0
HOLMDEL TWP	61	32	29	0	60	1	0	0
HOWELL TWP	204	107	97	0	198	3	3	0
INTERLAKEN BORO	19	13	6	0	19	0	0	0
KEANSBURG BORO	178	94	84	0	178	0	0	0
KEYPORT BORO	112	63	49	0	109	2	1	0
LITTLE SILVER BORO	42	25	17	0	42	0	0	0
LOCH ARBOUR VILLAGE	5	2	3	0	5	0	0	0
LONG BRANCH CITY	331	161	170	0	278	52	1	0
MANALAPAN TWP	103	52	51	0	96	7	0	0
MANASQUAN BORO	93	45	48	0	92	1	0	0
MARLBORO TWP	101	47	54	0	84	13	4	0
MATAWAN BORO	134	61	73	0	122	10	2	0
MIDDLETOWN TWP	478	252	226	0	470	7	0	1

TABLE-12 (Continued)

1986

MONMOUTH COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
MILLSTONE TWP	27	12	15	0	26	1	0	0
MONMOUTH BEACH BORO	19	7	12	0	19	0	0	0
NEPTUNE CITY BORO	38	21	17	0	34	4	0	0
NEPTUNE TWP	450	202	248	0	350	99	1	0
OCEAN TWP	164	79	85	0	161	3	0	0
OCEANPORT BORO	46	18	28	0	44	2	0	0
RED BANK BORO	207	79	128	0	168	39	0	0
ROOSEVELT BORO	3	2	1	0	2	1	0	0
RUMSON BORO	57	27	30	0	57	0	0	0
SEA BRIGHT BORO	16	11	5	0	15	1	0	0
SEA GIRT BORO	39	16	23	0	38	0	1	0
SHREWSBURY BORO	15	6	9	0	15	0	0	0
SHREWSBURY TWP	26	13	13	0	22	4	0	0
SOUTH BELMAR BORO	27	11	16	0	23	4	0	0
SPRING LAKE BORO	71	31	40	0	70	1	0	0
SPRING LAKE HEIGHTS BORO	80	35	45	0	80	0	0	0
TINTON FALLS BORO	40	17	23	0	33	7	0	0
UNION BEACH BORO	71	40	31	0	70	0	1	0
UPPER FREEHOLD TWP	19	12	7	0	18	1	0	0
WALL TWP	176	92	84	0	175	0	1	0
WEST LONG BRANCH BORO	60	24	36	0	60	0	0	0
*TOTAL MONMOUTH	5001	2480	2521	0	4549	428	21	3

TABLE-12 (Continued)

MORRIS COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BOONTON TOWN	115	51	64	0	109	6	0	0
BOONTON TWP	13	4	9	0	13	0	0	0
BUTLER BORO	65	38	27	0	65	0	0	0
CHATHAM BORO	100	40	60	0	99	0	1	0
CHATHAM TWP	49	24	25	0	49	0	0	0
CHESTER BORO	18	7	11	0	18	0	0	0
CHESTER TWP	14	5	9	0	14	0	0	0
DENVILLE TWP	128	60	68	0	126	1	1	0
DOVER TOWN	157	82	75	0	149	7	1	0
EAST HANOVER TWP	52	23	29	0	52	0	0	0
FLORHAM PARK BORO	69	29	40	0	69	0	0	0
HANOVER TWP	70	36	34	0	70	0	0	0
HARDING TWP	26	16	10	0	26	0	0	0
JEFFERSON TWP	103	53	50	0	100	1	2	0
KINNELON BORO	41	23	18	0	41	0	0	0
LINCOLN PARK BORO	76	30	46	0	74	2	0	0
MADISON BORO	122	58	64	0	114	8	0	0
MENDHAM BORO	33	18	15	0	33	0	0	0
MENDHAM TWP	32	19	13	0	32	0	0	0
MINE HILL TWP	34	20	14	0	34	0	0	0
MONTVILLE TWP	97	43	54	0	95	0	2	0
MORRIS PLAINS BORO	53	21	32	0	53	0	0	0
MORRIS TWP	92	44	48	0	90	2	0	0
MORRISTOWN TOWN	276	116	160	0	235	36	5	0
MOUNT ARLINGTON BORO	13	4	9	0	12	0	1	0
MOUNT OLIVE TWP	110	61	49	0	108	0	1	1
MOUNTAIN LAKES BORO	13	6	7	0	13	0	0	0
NETCONG BORO	29	12	17	0	28	1	0	0
PARSIPPANY-TROY HILLS TWP	278	124	154	0	267	9	2	0
PASSAIC TWP	49	32	17	0	49	0	0	0
PEQUANNOCK TWP	124	60	64	0	124	0	0	0
RANDOLPH TWP	86	44	42	0	83	1	2	0
RIVERDALE BORO	21	12	9	0	21	0	0	0
ROCKAWAY BORO	70	42	28	0	69	0	1	0
ROCKAWAY TWP	69	28	41	0	69	0	0	0
ROXBURY TWP	121	57	63	1	117	3	1	0
VICTORY GARDENS BORO	5	2	3	0	3	2	0	0
WASHINGTON TWP	61	27	34	0	61	0	0	0
WHARTON BORO	56	20	36	0	55	0	1	0
*TOTAL MORRIS	2940	1391	1548	1	2839	79	21	1

TABLE-12 (Continued)

1986

OCEAN COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BARNEGAT LIGHT BORO	3	2	1	0	3	0	0	0
BARNEGAT TWP	112	69	43	0	110	2	0	0
BAY HEAD BORO	17	7	10	0	17	0	0	0
BEACH HAVEN BORO	30	20	10	0	30	0	0	0
BEACHWOOD BORO	93	53	40	0	92	0	1	0
BERKELEY TWP	474	271	203	0	468	5	1	0
BRICK TWP	639	317	322	0	635	2	2	0
DOVER TWP	955	527	428	0	949	4	2	0
EAGLESWOOD TWP	13	6	7	0	13	0	0	0
HARVEY CEDARS BORO	6	1	5	0	6	0	0	0
ISLAND HEIGHTS BORO	23	10	13	0	22	0	0	1
JACKSON TWP	254	136	118	0	248	4	2	0
LACEY TWP	203	107	96	0	203	0	0	0
LAKEHURST BORO	126	68	58	0	123	3	0	0
LAKEWOOD TWP	674	338	336	0	636	35	3	0
LAVALLETTE BORO	53	30	23	0	53	0	0	0
LITTLE EGG HARBOR TWP	96	52	44	0	96	0	0	0
LONG BEACH TWP	44	23	21	0	44	0	0	0
MANCHESTER TWP	682	397	284	1	677	3	2	0
MANTOLOKING BORO	13	4	9	0	13	0	0	0
OCEAN GATE BORO	28	17	11	0	28	0	0	0
OCEAN TWP	64	43	21	0	64	0	0	0
PINE BEACH BORO	25	8	17	0	25	0	0	0
PLUMSTED TWP	48	25	23	0	48	0	0	0
POINT PLEASANT BEACH BORO	51	26	25	0	50	0	1	0
POINT PLEASANT BORO	283	135	148	0	281	1	0	1
SEASIDE HEIGHTS BORO	27	14	13	0	26	0	0	1
SEASIDE PARK BORO	38	22	16	0	38	0	0	0
SHIP BOTTOM BORO	22	13	9	0	22	0	0	0
SOUTH TOMS RIVER BORO	27	13	14	0	23	4	0	0
STAFFORD TWP	141	78	63	0	140	0	0	1
SURF CITY BORO	22	11	11	0	22	0	0	0
TUCKERTON BORO	79	46	33	0	77	2	0	0
*TOTAL OCEAN	5365	2889	2475	1	5282	65	14	4

TABLE-12 (Continued)

1986

PASSAIC COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BLOOMINGDALE BORO	70	37	33	0	70	0	0	0
CLIFTON CITY	941	445	496	0	932	5	4	0
HALEDON BORO	87	33	54	0	87	0	0	0
HAWTHORNE BORO	205	98	107	0	204	0	1	0
LITTLE FALLS TWP	105	55	50	0	105	0	0	0
NORTH HALEDON BORO	87	38	49	0	87	0	0	0
PASSAIC CITY	508	278	230	0	423	77	7	1
PATERSON CITY	1324	696	628	0	906	412	5	1
POMPTON LAKES BORO	99	49	50	0	98	1	0	0
PROSPECT PARK BORO	51	24	27	0	51	0	0	0
RINGWOOD BORO	62	28	34	0	58	4	0	0
TOTOWA BORO	97	45	52	0	97	0	0	0
WANAQUE BORO	85	43	42	0	84	0	1	0
WAYNE TWP	366	167	199	0	358	2	6	0
WEST MILFORD TWP	126	65	61	0	123	3	0	0
WEST PATERSON BORO	85	41	44	0	85	0	0	0
*TOTAL PASSAIC	4298	2142	2156	0	3768	504	24	2

TABLE-12 (Continued)

1986

SALEM COUNTY

RESIDENCE	TOTAL	SEX MALE	 FEMALE	 UNKN	RACE WHITE	 BLACK	 OTHER	 UNKN
ALLOWAY TWP	10	4	6	0	8	2	0	0
CARNEYS POINT TWP	85	45	40	0	78	7	0	0
ELMER BORO	46	28	18	0	45	1	0	0
ELSINBORO TWP	2	1	1	0	2	0	0	0
LOWER ALLOWAY CREEK TWP	6	1	5	0	6	0	0	0
MANNINGTON TWP	7	3	4	0	7	0	0	0
OLDMANS TWP	19	12	7	0	16	3	0	0
PENNS GROVE BORO	67	36	31	0	46	21	0	0
PENNSVILLE TWP	133	61	72	0	130	3	0	0
PILESGROVE TWP	14	8	6	0	11	2	1	0
PITTSGROVE TWP	47	30	17	0	43	3	1	0
QUINTON TWP	16	8	8	0	14	2	0	0
SALEM CITY	111	47	64	0	70	41	0	0
UPPER PITTSGROVE TWP	18	9	9	0	17	1	0	0
WOODSTOWN BORO	54	26	28	0	38	16	0	0
*TOTAL SALEM	635	319	316	0	531	102	2	0

TABLE-12 (Continued)

1966

SOMERSET COUNTY

RESIDENCE	TOTAL	SEX MALE	 FEMALE	 UNKN	RACE WHITE	 BLACK	 OTHER	 UNKN
BEDMINSTER TWP	31	16	15	0	31	0	0	0
BERNARDS TWP	108	41	67	0	107	1	0	0
BERNARDSVILLE BORO	21	11	10	0	21	0	0	0
BOUND BROOK BORO	105	61	44	0	105	0	0	0
BRANCHBURG TWP	47	30	17	0	46	0	1	0
BRIDGEWATER TWP	197	107	90	0	196	1	0	0
FAR HILLS BORO	6	2	4	0	6	0	0	0
FRANKLIN TWP	237	121	116	0	188	48	1	0
GREEN BROOK TWP	29	18	11	0	28	0	1	0
HILLSBOROUGH TWP	102	55	47	0	100	0	1	1
MANVILLE BORO	113	67	46	0	113	0	0	0
MILLSTONE BORO	5	3	2	0	5	0	0	0
MONTGOMERY TWP	45	21	24	0	44	1	0	0
NORTH PLAINFIELD BORO	140	75	65	0	136	4	0	0
PEAPACK-GLADSTONE BORO	18	9	9	0	18	0	0	0
RARITAN BORO	56	28	28	0	56	0	0	0
ROCKY HILL BORO	2	1	1	0	2	0	0	0
SOMERVILLE BORO	182	84	98	0	162	19	1	0
SOUTH BOUND BROOK BORO	26	15	11	0	25	1	0	0
WARREN TWP	77	34	43	0	77	0	0	0
WATCHUNG BORO	30	10	20	0	30	0	0	0
*TOTAL SOMERSET	1577	809	708	0	1496	75	5	1

TABLE-12 (Continued)

1986

SUSSEX COUNTY

RESIDENCE	TOTAL	SEX: MALE	SEX: FEMALE	SEX: UNKN	RACE: WHITE	RACE: BLACK	RACE: OTHER	RACE: UNKN
ANDOVER BORO	10	5	5	0	9	0	1	0
ANDOVER TWP	62	26	36	0	62	0	0	0
BRANCHVILLE BORO	29	19	10	0	29	0	0	0
BYRAM TWP	19	9	10	0	19	0	0	0
FRANKFORD TWP	58	23	35	0	58	0	0	0
FRANKLIN BORO	42	22	20	0	42	0	0	0
FREDON TWP	15	11	4	0	15	0	0	0
GREEN TWP	7	4	3	0	7	0	0	0
HAMBURG BORO	21	9	12	0	21	0	0	0
HAMPTON TWP	23	10	13	0	23	0	0	0
HARDYSTON TWP	31	19	12	0	31	0	0	0
HOPATCONG BORO	65	37	28	0	65	0	0	0
LAFAYETTE TWP	25	15	10	0	25	0	0	0
MONTAGUE TWP	21	14	7	0	21	0	0	0
NEWTON TOWN	116	45	71	0	116	0	0	0
OGDENSBURG BORO	16	6	10	0	16	0	0	0
SANDYSTON TWP	18	8	10	0	18	0	0	0
SPARTA TWP	70	35	35	0	69	1	0	0
STANHOPE BORO	30	15	15	0	30	0	0	0
STILLWATER TWP	30	13	17	0	30	0	0	0
SUSSEX BORO	53	21	32	0	52	0	1	0
VERNON TWP	61	42	19	0	61	0	0	0
WALPACK TWP	1	0	1	0	1	0	0	0
WANTAGE TWP	37	23	14	0	36	1	0	0
*TOTAL SUSSEX	860	431	429	0	856	2	2	0

TABLE-12 (CONTINUED)
1986

UNION COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BERKELEY HEIGHTS TWP	89	43	46	0	89	0	0	0
CLARK TWP	130	70	60	0	127	1	2	0
CRANFORD TWP	232	105	127	0	222	10	0	0
ELIZABETH CITY	1129	583	546	0	971	152	6	0
FANWOOD BORO	44	26	18	0	41	3	0	0
GARWOOD BORO	51	27	24	0	49	0	2	0
HILLSIDE TWP	215	118	97	0	179	36	0	0
KENILWORTH BORO	86	53	33	0	85	1	0	0
LINDEN CITY	413	206	207	0	368	44	1	0
MOUNTAINSIDE BORO	52	29	23	0	52	0	0	0
NEW PROVIDENCE BORO	74	40	34	0	73	0	1	0
PLAINFIELD CITY	438	200	238	0	221	215	1	1
RAHWAY CITY	262	138	124	0	221	38	3	0
ROSELLE BORO	227	116	111	0	169	57	1	0
ROSELLE PARK BORO	131	66	65	0	131	0	0	0
SCOTCH PLAINS TWP	166	85	81	0	150	13	3	0
SPRINGFIELD TWP	182	80	102	0	176	6	0	0
SUMMIT CITY	180	82	98	0	167	12	1	0
UNION TWP	681	336	345	0	635	44	2	0
WESTFIELD TOWN	239	113	126	0	219	18	2	0
WINFIELD TWP	23	11	12	0	23	0	0	0
*TOTAL UNION	5044	2527	2517	0	4368	650	25	1

TABLE-12 (CONTINUED)
1986

WARREN COUNTY

RESIDENCE	TOTAL	SEX: MALE	SEX: FEMALE	SEX: UNKN	RACE: WHITE	RACE: BLACK	RACE: OTHER	RACE: UNKN
ALLAMUCHY TWP	16	7	9	0	15	0	0	1
ALPHA BORO	27	17	10	0	27	0	0	0
BELVIDERE TOWN	53	26	27	0	53	0	0	0
BLAIRSTOWN TWP	54	33	21	0	54	0	0	0
FRANKLIN TWP	19	13	6	0	18	1	0	0
FRELINGHUYSEN TWP	6	4	2	0	6	0	0	0
GREENWICH TWP	15	7	8	0	15	0	0	0
HACKETTSTOWN TOWN	104	51	53	0	103	0	0	1
HARDWICK TWP	6	3	3	0	6	0	0	0
HARMONY TWP	9	5	4	0	9	0	0	0
HOPE TWP	10	4	6	0	10	0	0	0
INDEPENDENCE TWP	21	8	13	0	21	0	0	0
KNOWLTON TWP	24	13	11	0	24	0	0	0
LIBERTY TWP	5	3	2	0	5	0	0	0
LOPATCONG TWP	40	21	18	1	40	0	0	0
MANSFIELD TWP	31	16	15	0	30	1	0	0
OXFORD TWP	24	11	13	0	24	0	0	0
PAHAQUARRY TWP	1	0	1	0	1	0	0	0
PHILLIPSBURG TOWN	250	128	122	0	246	4	0	0
POHATCONG TWP	16	10	6	0	16	0	0	0
WASHINGTON BORO	10	3	7	0	9	1	0	0
WASHINGTON TWP	103	42	61	0	102	1	0	0
WHITE TWP	10	8	2	0	10	0	0	0
*TOTAL WARREN	854	433	420	1	844	8	0	2

TABLE-12 (CONTINUED)

1986

STATE INST

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
HUNTERDON STATE SCHOOL	1	1	0	0	1	0	0	0
N J ST COLONY MALES NEW L	1	1	0	0	1	0	0	0
N J ST HOSP GREYSTONE	4	2	2	0	4	0	0	0
N J ST HOSP TRENTON	2	1	1	0	2	0	0	0
N J ST PRISON	1	1	0	0	1	0	0	0
*TOTAL STATE INST	9	6	3	0	9	0	0	0

1986

MILITARY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
FORT DIX	2	0	2	0	2	0	0	0
MCGUIRE AIR BASE FORT DIX	2	1	1	0	2	0	0	0
N J ST VETS ADM HOSP LYON	8	8	0	0	7	1	0	0
VETERANS HOSPITAL EAST OR	1	1	0	0	0	1	0	0
*TOTAL MILITARY	13	10	3	0	11	2	0	0

Marriages/Divorces
1986

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CENTER FOR HEALTH STATISTICS
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NEW JERSEY DEPARTMENT OF HEALTH

Marriages/Divorces
1986

INTRODUCTION

Marriage statistics provided in this report were tabulated from items reported on marriage certificates filed with the New Jersey State Registrar for calendar year 1986. Divorce data were obtained from the New Jersey Superior Court, Chancery Division. Both marriages and divorces are recorded by place of occurrence or judgment. Therefore, statistics presented refer to the number of events occurring within New Jersey irrespective of place of residence of the participants. Rates published in this report for both marriages and divorces are based on the 1986 New Jersey annual estimates of population released by the New Jersey Department of Labor.

STATISTICAL OVERVIEW

Number of Marriages

The number of marriage certificates issued in New Jersey during 1985 and again in 1986 showed decreases from the 1984 high which was the highest level recorded since the start of marriage statistical reporting. The 1984 level surpassed the 1946 high of 61,020, the year following the end of World War II. The number of marriages for 1985 was 61,189, a decrease of 1,465 from 1984. The number of marriages in 1986 was 61,362. These numeric declines were enough to decrease the rate of marriages per 1,000 population in 1985 and 1986 to 8.1 from 8.3 in 1983 and 1984. The 1983 and 1984 rates were the highest marriage rates per 1,000 population attained since 1951 (when the level was 8.9 per 1,000 population). A low in the number of marriages and the corresponding rate per 1,000 population was reached in 1977; since then both have been increasing. The overall gain from the 1977 level was 17.4%.

The greatest number of marriages occurred in Essex County (7,319) with the lowest number recorded for Salem (472). Six of the state's counties accounted for over 50 percent of the marriages during 1986. All of these counties recorded 4,000 or more marriages; in descending order they are Essex (7,319), Bergen (6,553), Middlesex (4,982), Hudson (4,881), Monmouth (4,534), and Passaic (4,118). In 1986 Cape May County recorded the highest marriage rate, 9.3 per 1,000 population, followed by Atlantic, Passaic, Hudson, and Essex. Ocean County had the lowest rate, 6.5 per 1,000.

Previous Marital Status

Data on marital status showed that the proportion of men to women previously married has remained stable over the past four years. The increase in first marriages between 1985 and 1986 was 0.2 percent for women and 0.4 percent for men. Sixty-three percent of all marriages were between persons marrying for the first time; in 74.5 percent of all marriages the woman was marrying for the first time. Divorced men were marrying in 25.0 percent of all marriages, and divorced women were marrying in 23.0 percent of all marriages.

Age

In 1986 the average age at time of marriage (regardless of previous marital status) was 27.6 years for women and 30.1 years for men, a decrease for both sexes since 1985. The mean ages in 1985 were 27.3 years for women and 30.3 years for men. The number of women and men marrying before the age of 25 continues to decline. In 1986 40.0 percent of the women married before the age of 25, compared to 42.3 percent of the women in 1985, 43.8 percent in 1984, and 46.3 percent in 1983. The same pattern also applied to men marrying before the age of 25 -- 26.2 percent in 1986 versus 27.8 percent in 1985. In 1981 comparable figures were 35.8 percent or 20,793 males marrying before age 25. Teenage brides, likewise, continued their downward trend to a level of 4,077 compared to 4,382 in 1985 and 4,997 in 1984. Teenage brides comprised 6.6 percent of all brides in 1986, compared to 7.2 percent, 8.0 percent and 8.9 percent in 1985 through 1983, respectively.

DISSOLUTION OF MARRIAGE

For every two marriages during 1986, one divorce occurred. There were 27,669 divorces and annulments during the 1986 calendar year. This was a total of 1,626 less than in 1985. Since the marriage rate remained constant, the decrease in divorces raised the ratio of marriages to divorces. The marriage dissolution rate, the number of dissolutions per 1,000 population, reached 4.1, an all-time high, in 1982. In 1983 and 1984 the rate returned to the 1981 level of 3.8 per 1,000 population. In 1985 the marriage dissolution rate increased slightly to 3.9. However, in 1986 the marriage dissolution rate dropped to 3.6.

The ratio of divorces to marriages differed little among the counties. While the order was slightly different, the top ranking seven counties were the same as in 1984. These counties, Bergen, Essex, Middlesex, Monmouth, Hudson, Camden and Union, accounted for over 55 percent of the dissolutions that took place.

TABLE-1
NEW JERSEY
ESTIMATED AVERAGE AGE AT MARRIAGE AND PREVIOUS MARITAL STATUS: 1972-1986

	Marriages		Average Age		Previous Marital Status					
					WOMEN			MEN		
Year	Number	Rate	WOMEN	MEN	Percent Single	Percent Widowed	Percent Divorced	Percent Single	Percent Widowed	Percent Divorced
1972	58,476	8.0	25.8	28.3	81.2	5.0	13.8	79.3	4.8	15.9
1973	59,723	8.1	25.8	28.3	80.1	4.7	15.2	78.2	4.6	17.2
1974	56,449	7.6	25.9	28.5	79.3	4.5	16.2	76.8	4.6	18.6
1975	53,008	7.2	26.1	28.8	78.0	4.5	17.5	75.4	4.7	19.9
1976	51,291	7.0	26.3	28.4	77.2	4.4	18.4	74.6	4.5	20.9
1977	50,677	6.9	26.4	29.1	76.8	4.1	19.1	73.9	4.3	21.8
1978	52,993	7.2	26.7	29.4	75.7	3.7	20.6	72.9	3.9	23.2
1979	54,740	7.5	26.3	29.1	75.4	4.1	20.5	72.4	4.2	23.5
1980	55,794	7.6	25.8	29.0	75.3	3.6	21.2	72.6	3.7	23.7
1981	58,010	7.8	26.7	29.3	74.4	3.3	22.0	71.9	3.5	24.4
1982	59,949	8.1	26.6	29.4	73.9	3.2	22.4	71.2	3.4	25.2
1983	61,798	8.3	26.7	29.5	74.0	3.0	22.7	71.5	3.2	25.1
1984	62,654	8.3	27.1	29.8	73.9	3.0	22.8	71.8	3.1	24.8
1985	61,189	8.1	27.8	30.3	74.2	2.7	23.0	72.0	2.8	25.1
1986	61,362	8.1	27.6	30.1	74.4	2.5	23.0	72.4	2.6	25.0

TABLE-2

NEW JERSEY
MARRIAGES BY SEX, PREVIOUS MARITAL STATUS, AVERAGE AGE
1986

		WOMEN				MEN				AVERAGE AGE	
PLACE OF MARRIAGE	Total	Single	Widowed	Divorced	Unk	Single	Widowed	Divorced	Unk	Women	Men
STATE TOTAL	61,362	45,683	1,556	14,121	1	44,454	1,567	15,338	2	28	30
ATLANTIC COUNTY	1,876	1,324	54	498		1,260	65	551		28	31
BERGEN COUNTY	6,553	5,059	163	1,331		4,811	177	1,565		28	31
BURLINGTON COUNTY	2,953	2,079	79	795		2,071	90	792		27	30
CAMDEN COUNTY	3,452	2,543	100	809		2,453	94	905		28	30
CAPE MAY COUNTY	853	575	36	242		561	22	270		28	31
CUMBERLAND COUNTY	1,031	709	34	288		710	27	294		28	30
ESSEX COUNTY	7,319	5,755	155	1,409		5,577	154	1,588		28	30
GLOUCESTER COUNTY	1,604	1,154	57	393		1,110	50	444		28	30
HUDSON COUNTY	4,881	3,725	106	1,050		3,588	97	1,196		28	30
HUNTERDON COUNTY	759	506	25	228		490	20	249		28	31
MERCER COUNTY	2,594	1,981	59	554		1,871	54	669		28	30
MIDDLESEX COUNTY	4,982	3,785	107	1,090		3,741	107	1,134		27	30
MONMOUTH COUNTY	4,534	3,255	141	1,138		3,204	139	1,191		28	30
MORRIS COUNTY	3,415	2,530	71	814		2,519	71	825		27	30
OCEAN COUNTY	2,568	1,742	100	726		1,698	130	740		28	31
PASSAIC COUNTY	4,118	3,153	84	881		3,085	68	965		27	30
SALEM COUNTY	472	326	17	129		324	21	127		28	30
SOMERSET COUNTY	1,804	1,326	42	436		1,299	43	462		28	30
SUSSEX COUNTY	905	631	19	255		643	16	246		27	29
UNION COUNTY	3,961	3,029	79	852	1	2,929	100	930	2	28	31
WARREN COUNTY	649	435	27	187		451	22	176		28	30
STATE INSTITUTIONS MILITARY POSTS	78	61	1	16		59		19		25	27

Note: State total includes one marriage place unknown.

TABLE-3

MARRIAGES IN NEW JERSEY
BY PREVIOUS MARITAL STATUS OF HUSBAND AND PREVIOUS MARITAL STATUS OF WIFE
1986

PREVIOUS MARITAL STATUS OF WIFE	TOTAL		PREVIOUS MARITAL STATUS OF HUSBAND							
			SINGLE		WIDOWED		DIVORCED		UNKNOWN	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
SINGLE	45684	74.45	38394	86.37	274	17.49	7015	45.74	1	50.00
WIDOWED	1556	2.54	283	.64	656	41.86	617	4.02	0	.00
DIVORCED	14121	23.01	5778	13.00	637	40.65	7706	50.24	0	.00
UNKNOWN	1	.00	0	.00	0	.00	0	.00	1	50.00
TOTAL	61362	100.00	44455	100.00	1567	100.00	15338	100.00	2	100.00

TABLE-4

MARRIAGES IN NEW JERSEY
BY AGE OF HUSBAND AND
BY AGE OF WIFE
1986

AGE GROUP OF WIFE	TOTAL	AGE GROUP OF HUSBAND <15	15	16	17	18	19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+	UNK
<15	11	0	0	1	0	1	0	7	2	0	0	0	0	0	0	0	0	0
15	49	0	0	2	5	10	7	18	7	0	0	0	0	0	0	0	0	0
16	226	0	0	1	17	32	45	102	20	6	1	2	0	0	0	0	0	0
17	459	0	0	5	11	57	82	243	46	11	4	0	0	0	0	0	0	0
18	1342	0	0	5	17	134	183	766	164	48	17	2	6	0	0	0	0	0
19	1990	0	0	2	8	93	237	1241	298	81	21	3	5	1	0	0	0	0
20-24	20452	2	0	3	13	93	270	9535	7969	1819	525	139	53	15	8	5	3	0
25-29	17977	1	0	0	0	12	47	2136	9085	4429	1532	488	159	53	21	10	4	0
30-34	8410	0	0	0	2	4	14	425	1958	2881	1787	807	314	136	48	15	19	0
35-39	4408	0	0	0	0	0	3	116	479	871	1244	846	460	223	110	38	18	0
40-44	2432	0	0	0	0	1	0	31	102	245	392	617	462	297	190	68	27	0
45-49	1444	0	0	0	0	1	0	8	15	53	114	205	337	336	210	114	51	0
50-54	794	0	0	0	0	0	0	1	8	16	27	61	89	186	177	131	98	0
55-59	540	0	0	0	0	0	0	0	4	3	9	15	20	60	136	157	136	0
60-64	377	0	0	0	0	0	0	0	1	3	2	6	6	10	48	120	181	0
65+	449	0	0	0	0	0	0	0	0	0	2	1	4	4	17	59	362	0
UNKN.	2	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
TOTAL	61362	3	0	19	73	438	888	14630	20158	10466	5677	3192	1916	1321	965	717	899	0

TABLE-5

MARRIAGES IN NEW JERSEY
BY AGE OF HUSBAND AT FIRST MARRIAGE
BY AGE OF WIFE
1966

AGE GROUP OF WIFE	TOTAL	AGE GROUP OF HUSBAND																
		<15	15	16	17	18	19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+	UNK
<15	11	0	0	1	0	1	0	7	2	0	0	0	0	0	0	0	0	0
15	46	0	0	2	5	10	7	17	7	0	0	0	0	0	0	0	0	0
16	220	0	0	1	17	32	45	99	19	6	0	1	0	0	0	0	0	0
17	436	0	0	5	11	57	82	236	37	6	2	0	0	0	0	0	0	0
18	1269	0	0	5	17	134	183	747	147	25	7	1	3	0	0	0	0	0
19	1883	0	0	2	8	93	235	1216	269	46	10	3	1	0	0	0	0	0
20-24	18442	2	0	3	13	[illegible]3	266	9368	7236	1205	218	23	11	2	1	1	0	0
25-29	14233	1	0	0	0	12	47	2072	8254	3105	600	99	30	8	3	1	1	0
30-34	4955	0	0	0	2	4	14	404	1653	1951	681	175	33	25	8	2	3	0
35-39	1711	0	0	0	0	0	3	105	400	504	443	161	58	18	13	3	3	0
40-44	657	0	0	0	0	1	0	30	86	144	144	118	74	40	14	2	4	0
45-49	290	0	0	0	0	1	0	7	14	33	51	59	54	42	16	9	4	0
50-54	139	0	0	0	0	0	0	1	7	12	13	16	19	32	19	11	9	0
55-59	72	0	0	0	0	0	0	0	2	2	4	4	3	12	17	14	14	0
60-64	53	0	0	0	0	0	0	0	1	2	2	5	2	2	6	16	17	0
65+	35	0	0	0	0	0	0	0	0	0	0	1	2	1	1	10	20	0
UNKN.	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
TOTAL	44455	3	0	19	73	438	382	14310	18134	7041	2175	666	290	182	98	69	75	0

TABLE-6

MARRIAGES IN NEW JERSEY
BY AGE OF HUSBAND
BY AGE OF WIFE AT FIRST MARRIAGE
1986

AGE GROUP OF WIFE	TOTAL	AGE GROUP OF HUSBAND <15	15	16	17	18	19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+	UNK
<15	11	0	0	1	0	1	0	7	2	0	0	0	0	0	0	0	0	0
15	49	0	0	2	5	10	7	18	7	0	0	0	0	0	0	0	0	0
16	226	0	0	1	17	32	45	102	20	6	1	2	0	0	0	0	0	0
17	458	0	0	5	11	57	81	243	46	11	4	0	0	0	0	0	0	0
18	1337	0	0	5	17	134	183	762	163	48	17	2	6	0	0	0	0	0
19	1975	0	0	2	8	93	236	1232	295	80	21	3	4	1	0	0	0	0
20-24	19678	2	0	2	13	90	264	9287	7562	1680	481	117	50	15	7	5	3	0
25-29	15025	1	0	0	0	8	38	1755	7954	3608	1155	346	101	33	15	8	3	0
30-34	4645	0	0	0	2	1	7	222	1081	1750	945	388	145	57	24	11	12	0
35-39	1359	0	0	0	0	0	1	40	161	299	392	216	130	64	37	12	7	0
40-44	442	0	0	0	0	1	0	8	26	51	70	112	71	52	32	10	9	0
45-49	220	0	0	0	0	0	0	4	2	13	20	32	47	37	38	19	8	0
50-54	106	0	0	0	0	0	0	1	2	2	3	9	12	19	22	17	19	0
55-59	69	0	0	0	0	0	0	0	0	2	2	5	2	10	11	20	17	0
60-64	42	0	0	0	0	0	0	0	1	0	0	2	1	3	5	15	15	0
65+	41	0	0	0	0	0	0	0	0	0	2	0	1	0	2	5	31	0
UNKN.	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
TOTAL	45684	3	0	16	73	427	862	13632	17422	7550	3113	1234	570	291	193	122	124	0

TABLE-7
*DIVORCES IN NEW JERSEY: 1970-1986
By County of Origin

Year	Atlantic	Bergen	Burlington	Camden	Cape May	Cumberland	Essex	Gloucester	Hudson	Hunterdon	Mercer	Middlesex	Monmouth	Morris	Ocean	Passaic	Salem	Somerset	Sussex	Union	Warren	Total
1970	284	1401	316	796	64	270	1169	230	674	73	565	883	647	450	325	564	105	227	62	831	68	10004
1971	376	1531	514	946	95	298	1484	295	782	127	619	1177	836	566	500	829	108	352	136	1148	128	12847
1972	405	1710	547	958	136	396	1825	332	878	188	830	1364	1123	852	635	926	142	520	163	955	132	15017
1973	585	2431	1078	1418	184	472	2505	485	1477	210	1208	1835	1548	1275	924	1377	181	475	232	1616	538	22054
1974	594	2193	896	1387	194	448	2314	535	1247	221	980	1602	1570	1037	843	1224	184	699	245	1313	254	19880
1975	646	2363	897	1254	178	442	2099	515	1356	259	1183	1582	1665	1281	959	1278	141	598	284	1243	252	20475
1976	753	2407	981	1287	227	443	2263	549	1314	236	1242	1692	1720	1234	968	1197	156	499	298	1279	245	20990
1977	546	1999	1088	1267	241	531	2158	493	1557	253	1005	1558	1377	909	1097	1169	198	659	318	1166	307	19894
1978	746	2370	1209	1473	292	527	2377	672	1826	298	1330	2066	1718	1473	1358	1519	198	717	424	1767	392	24752
1979	570	2530	1381	1596	220	491	2388	657	1601	271	1215	1961	1654	1445	1138	1427	193	769	360	1650	317	23934
1980	676	2734	1386	1635	265	547	2440	850	1846	378	1251	2377	1818	1371	1421	1482	259	849	383	1467	348	25783
1981	938	3104	1551	1906	320	421	2580	815	1931	435	1292	2426	1950	1580	1493	1571	219	691	437	1812	380	27852
1982	941	3124	1614	1792	352	567	2904	1028	2269	395	1304	2489	2319	1864	1599	1895	229	859	538	1852	388	30322
1983	945	2758	1404	1786	341	601	2909	754	1992	389	1233	2218	2078	1604	1404	1781	243	807	481	1800	395	27923
1984*	910	2956	1429	1762	422	571	2611	728	2001	407	1074	2497	2158	1780	1613	1742	224	888	554	1792	351	28470
1985	909	2962	1481	1848	373	611	2760	754	2003	424	1289	2568	2279	1782	1699	1631	262	794	508	1978	380	29295
1986	922	2841	1422	1819	390	568	2671	714	2094	359	1012	2503	2002	1605	1581	1509	234	794	512	1786	331	27669

* Includes annulments. # Court Year: September 1, through August 31 1968-1983. Calendar year used starting with 1984.

TABLE-8
DIVORCES AND ANNULMENTS IN NEW JERSEY
January - December: 1986

County	Total	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
New Jersey	27,669	2,634	2,887	1,620	3,051	3,394	1,656	2,341	3,026	2,061	1,812	1,652	1,535
Atlantic County	922	77	80	60	92	110	48	83	110	84	56	65	57
Bergen County	2,841	240	306	209	269	430	205	239	238	228	179	143	155
Burlington County	1,422	116	158	81	151	155	103	103	173	103	110	95	74
Camden County	1,819	142	167	85	188	260	80	172	196	151	136	123	119
Cape May County	390	49	37	20	37	56	25	30	42	33	25	17	19
Cumberland County	568	42	53	26	63	79	35	69	68	45	47	26	15
Essex County	2,671	253	291	121	330	251	178	287	346	211	135	96	172
Gloucester County	714	66	84	37	66	105	25	63	86	53	48	38	43
Hudson County	2,094	216	205	124	203	267	128	202	200	94	195	149	111
Hunterdon County	359	21	23	15	65	41	31	19	38	26	25	28	27
Mercer County	1,012	92	101	44	94	136	61	75	126	91	64	60	68
Middlesex County	2,503	268	226	149	239	309	137	240	257	206	162	159	151
Monmouth County	2,002	214	225	130	232	240	79	160	218	164	116	116	108
Morris County	1,605	157	177	110	157	212	92	103	150	136	101	136	74
Ocean County	1,581	153	187	115	164	149	103	78	223	122	120	77	90
Passaic County	1,509	189	191	65	207	211	91	101	139	71	70	76	98
Salem County	234	21	19	10	27	16	9	27	45	14	16	21	9
Somerset County	794	75	108	62	110	85	54	54	82	51	48	38	27
Sussex County	512	38	68	30	74	42	35	45	61	29	34	38	18
Union County	1,786	167	154	112	240	201	114	166	199	123	101	128	81
Warren County	331	38	27	15	43	39	23	25	29	26	24	23	19

Note: Totals from New Jersey Superior Court

Prepared by Center for Health Statistics
New Jersey State Department of Health

G0083

Municipality Gross Summary 1986

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Municipality
Gross Summary
1986

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CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Municipality Gross Summary 1986

INTRODUCTION

Annually, the New Jersey Department of Health has produced County tables with individual Municipality summaries of marriages, births and deaths (infant, fetal, neonatal). These tables also include the latest population totals for each Municipality released by the New Jersey Department of Labor, Office of Demographic and Economic Analysis.

These special County-Municipality tables were originally produced to provide vital statistics information to local health officers and various programs within the Department of Health. Increased requests for these tables have been received from researchers and the public. Thus, this section presents the seven above-mentioned items in one table summarizing data for each of the 21 counties and 567 municipalities in New Jersey. Crude birth or mortality rates are not included; they are presented elsewhere in this report for the State and for each of the 21 counties.

NOTE: [1] Infant Death refers to a death occurring to a live born individual of less than 1 year of age.

[2] Fetal Death is defined as death prior to the complete expulsion or extraction from its mother of a product of conception; the fetus shows no signs of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.

[3] Neonatal Death refers to a live born infant who dies before completing four weeks (28 days of life).

ESTIMATED POPULATION, MARRIAGES, BIRTHS, DEATHS, INFANT DEATHS, FETAL DEATHS AND NEONATAL DEATHS BY COUNTIES
1986

NEW JERSEY

County	Population	Marriages	Births	Deaths	Infant[1] Deaths	Fetal[2] Deaths	Neonatal[3] Deaths
Atlantic	206,318	1.876	3,306	2,408	41	71	25
Bergen	836,907	6,553	9,443	7,955	60	45	44
Burlington	382,462	2,953	5,327	2,760	50	106	36
Camden	492,893	3,452	8,129	4,544	95	152	63
Cape May	92,178	853	1,296	1,209	8	21	6
Cumberland	136,453	1,031	2,136	1,379	36	35	26
Essex	843,925	7,319	12,831	8,401	169	144	106
Gloucester	210,719	1,604	3,200	1,711	29	68	19
Hudson	551,790	4,881	8,580	5,750	106	69	66
Hunterdon	96,483	759	1,302	692	10	14	7
Mercer	322,470	2,594	4,482	2,937	50	61	32
Middlesex	636,235	4,982	8,898	4,957	69	72	47
Monmouth	542,446	4,534	7,518	5,001	65	63	42
Morris	418,527	3,415	5,354	2,940	41	35	29
Ocean	393,604	2,568	5,225	5,365	42	30	30
Passaic	461,536	4,118	7,441	4,298	71	71	52
Salem	65,456	472	859	635	14	10	8
Somerset	215,199	1,804	2,950	1,577	18	22	12
Sussex	122,812	905	1,942	860	13	9	11
Union	504,658	3,961	6,673	5,044	54	58	35
Warren	86,599	649	1,318	854	12	9	10
State Institutions			9	9			
Military Posts		78	225	13	2	1	2
TOTAL	7,619,670	61,362*	108,444	71,299	1,055	1,166	708

* Total includes one marriage, place unknown.

Note: Marriage data by place of occurrence, all other by place of residence.
Population used in this table from "Population Estimates for New Jersey" issued by the Office of Demographic and Economic Analysis, Division of Planning and Research, Department of Labor, September, 1987. Population not available for State Institutions and Military Posts.

ATLANTIC COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Absecon City	7,557	104	134	77	1	3	0
Atlantic City	36,219	384	765	696	13	24	10
Brigantine City	9,876	70	142	93	0	5	0
Buena Boro	3,708	36	63	48	0	1	0
Buena Vista Twp.	7,357	63	68	44	0	2	0
Corbin City	251	3	8	8	0	0	0
Egg Harbor City	4,657	72	88	77	1	2	0
Egg Harbor Twp.	22,149	152	322	83	3	7	1
Estell Manor City	1,000	7	15	8	0	0	0
Folsom Boro	1,933	10	10	17	0	0	0
Galloway Twp.	18,024	144	225	80	2	1	1
Hamilton Twp.	12,571	82	293	139	5	5	4
Hammonton Town	12,360	121	207	156	0	2	0
Linwood City	6,380	59	83	64	1	3	1
Longport Boro	1,243	17	5	29	0	0	0
Margate City	9,015	110	69	128	1	2	1
Mullica Twp.	5,310	26	45	31	0	0	0
Northfield City	7,685	77	82	86	1	0	0
Pleasantville City	14,372	148	316	211	7	7	5
Port Republic City	881	6	10	6	0	0	0
Somers Point City	10,643	105	198	145	4	1	1
Ventnor City	11,749	76	134	168	1	5	0
Weymouth Twp.	1,378	4	24	14	1	1	1
Total	206,318	1,876	3,306	2,408	41	71	25

NOTE: Marriage data by place of occurrence, all other by place of residence.

BERGEN COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Allendale Boro	6,070	28	63	28	0	1	0
Alpine Boro	1,661	23	21	15	0	1	0
Bergenfield Boro	25,177	176	295	248	3	5	2
Bogota Boro	8,003	74	89	67	1	1	1
Carlstadt Boro	6,115	27	70	66	0	3	0
Cliffside Park Boro	20,678	133	225	256	1	0	1
Closter Boro	8,068	69	72	67	0	0	0
Cresskill Boro	7,649	192	65	60	1	0	1
Demarest Boro	4,905	41	37	29	0	0	0
Dumont Boro	17,929	96	222	195	2	0	2
East Rutherford Boro	7,883	140	121	89	0	0	0
Edgewater Boro	4,688	101	70	44	0	0	0
Elmwood Park Boro	18,000	69	175	216	2	1	1
Emerson Boro	7,527	95	69	78	1	0	1
Englewood City	23,409	215	310	237	2	5	2
Englewood Cliffs Boro	5,816	14	45	36	0	0	0
Fair Lawn Boro	31,297	214	256	353	0	2	0
Fairview Boro	10,341	116	160	144	2	1	0
Fort Lee Boro	32,616	137	317	329	2	0	0
Franklin Lakes Boro	9,971	69	72	50	0	0	0
Garfield City	26,306	209	408	314	3	0	1
Glen Rock Boro	11,023	75	148	94	2	1	2
Hackensack City	35,833	346	482	388	4	3	3
Harrington Park Boro	4,571	34	52	37	0	0	0

BERGEN COUNTY
(Continued)

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Hasbrouck Heights Boro	11,728	138	131	117	1	0	1
Haworth Boro	3,424	24	34	27	0	0	0
Hillsdale Boro	10,365	60	117	74	1	2	1
Hohokus Boro	4,038	53	47	41	0	0	0
Leonia Boro	8,140	79	86	67	2	1	2
Little Ferry Boro	9,928	65	131	93	0	0	0
Lodi Boro	22,927	129	351	245	1	1	1
Lyndhurst Twp.	19,927	143	235	226	0	2	-0
Mahwah Twp.	14,513	102	166	78	0	0	0
Maywood Boro	9,778	74	112	112	0	0	0
Midland Park Boro	7,139	76	93	69	4	0	4
Montvale Boro	7,532	19	73	38	0	0	0
Moonachie Boro	2,664	15	32	37	0	0	0
New Milford Boro	16,305	72	185	204	0	0	0
North Arlington Boro	15,982	115	149	167	2	0	2
North Vale Boro	4,943	40	40	40	0	0	0
Norwood Boro	4,642	73	61	39	0	0	0
Oakland Boro	12,990	68	171	57	2	1	2
Old Tappan Boro	4,397	53	32	24	0	0	0
Oradell Boro	8,469	68	80	69	1	0	0
Palisades Park Boro	13,477	92	176	135	0	0	0
Paramus Boro	25,798	225	235	230	2	0	1
Park Ridge Boro	8,289	93	97	60	2	3	2
Ramsey Boro	13,144	87	152	90	2	0	2

BERGEN COUNTY
(Continued)

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Ridgefield Boro	10,025	107	137	128	1	0	1
Ridgefield Park Twp.	12,180	81	95	92	0	1	0
Ridgewood Village	24,860	218	225	207	3	0	2
River Edge Boro	10,643	66	113	120	0	0	0
River Vale Twp.	9,659	31	120	63	0	0	0
Rochelle Park Twp.	5,348	50	112	82	0	0	0
Rockleigh Boro	188	8	3	1	0	0	0
Rutherford Boro	18,441	155	186	183	1	0	1
Saddle Brook Twp.	13,730	86	141	147	0	3	0
Saddle River Boro	2,946	65	18	25	0	0	0
South Hackensack Twp.	2,207	11	21	17	0	0	0
Teaneck Twp.	38,379	193	451	344	6	2	4
Tenafly Boro	13,291	196	107	121	0	0	0
Teterboro Boro	23	0	1	0	0	0	0
Upper Saddle River Boro	7,845	114	66	39	0	0	0
Waldwick Boro	10,447	34	152	76	0	1	0
Wallington Boro	10,424	37	129	125	1	0	0
Washington Twp.	10,116	65	106	65	0	1	0
Westwood Boro	10,918	75	133	117	2	1	1
Wood-Ridge Boro	7,961	57	77	68	0	0	0
Woodcliff Lake Boro	5,608	88	64	28	0	1	0
Wyckoff Twp.	15,593	160	156	128	0	1	0
Total	836,907	6,553	9,443	7,955	60	45	44

BURLINGTON COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Bass River Twp.	1,419	13	25	16	0	0	0
Beverly City	2,830	50	85	45	1	4	1
Bordentown City	4,324	66	70	75	1	0	1
Bordentown Twp.	7,291	32	84	44	0	0	0
Burlington City	10,342	186	190	162	5	11	3
Burlington Twp.	11,686	70	174	66	0	2	0
Chesterfield Twp.	4,454	16	18	14	0	1	0
Cinnaminson Twp.	15,642	155	145	112	1	6	0
Delanco Twp.	3,640	14	49	47	0	2	0
Delran Twp.	14,173	49	159	67	1	4	1
Eastampton Twp.	3,812	24	43	12	0	1	0
Edgewater Park Twp.	9,154	35	123	43	1	2	0
Evesham Twp.	28,670	123	479	137	4	11	3
Fieldsboro Boro	585	4	6	4	0	0	0
Florence Twp.	9,406	58	130	87	3	1	2
Hainsport Twp.	3,272	40	44	12	0	0	0
Lumberton Twp.	5,260	44	71	28	0	0	0
Mansfield Twp.	2,943	18	42	25	2	0	2
Maple Shade Twp.	19,759	151	289	229	2	6	2
Medford Lakes Boro	5,013	272	32	21	1	0	1
Medford Twp.	20,271	190	258	128	0	2	0
Moorestown Twp.	15,734	157	146	150	1	3	0
Mount Holly Twp.	10,832	188	267	157	2	5	2
Mount Laurel Twp.	24,551	79	275	131	1	2	0

BURLINGTON COUNTY
(Continued)

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
New Hanover Twp.	14,874	107	223	3	0	1	0
North Hanover Twp.	8,741	40	112	17	0	0	0
Palmyra Boro	7,236	42	105	73	0	3	0
Pemberton Boro	1,233	24	163	67	2	0	1
Pemberton Twp.	30,640	150	391	170	7	9	5
Riverside Twp.	7,787	98	146	117	3	1	2
Riverton Boro	2,935	24	36	28	0	0	0
Shamong Twp.	5,121	16	57	12	0	0	0
Southampton Twp.	9,310	34	116	155	0	2	0
Springfield Twp.	2,820	26	20	8	0	0	0
Tabernacle Twp.	6,830	40	80	36	0	1	0
Washington Twp.	811	5	11	9	0	0	0
Westampton Twp.	5,168	12	89	18	2	2	2
Willingboro Twp.	38,817	283	509	210	10	22	8
Woodland Twp.	1,982	8	18	9	0	1	0
Wrightstown Boro	3,094	10	47	16	0	1	0
Total	382,462	2,953	5,327	2,760	50	106	36

CAMDEN COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Audubon Boro	9,513	58	160	111	2	2	0
Audubon Park Boro	1,273	2	8	25	0	0	0
Barrington Boro	7,384	53	68	55	0	1	0
Bellmawr Boro	13,594	77	155	123	2	6	1
Berlin Boro	6,011	123	199	100	4	1	3
Berlin Twp.	5,546	29	47	42	0	2	0
Brooklawn Boro	2,089	9	23	23	0	12	0
Camden City	83,265	621	2,328	872	37	37	23
Cherry Hill Twp.	72,544	516	790	574	4	14	4
Chesilhurst Boro	1,698	4	29	14	0	0	0
Clementon Boro	5,892	36	161	73	2	4	2
Collingswood Boro	15,456	83	202	186	2	5	1
Gibbsboro Boro	2,688	28	31	19	0	2	0
Gloucester City	13,200	107	219	208	4	6	2
Gloucester Twp.	50,359	214	661	248	4	9	1
Haddon Heights Boro	8,203	112	102	95	2	0	2
Haddon Twp.	16,003	86	186	180	4	2	4
Haddonfield Boro	12,257	208	119	91	0	1	0
Hi-Nella Boro	1,201	4	27	8	0	0	0
Laurel Springs Boro	2,272	35	39	30	1	1	0
Lawnside Boro	3,033	28	28	35	3	2	2
Lindenwold Boro	18,460	94	356	152	2	5	2
Magnolia Boro	4,881	53	91	47	1	3	1
Merchantville Boro	3,972	129	61	54	1	1	1

CAMDEN COUNTY
(Continued)

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Mount Ephraim Boro	4,843	45	69	75	1	2	0
Oaklyn Boro	4,236	30	76	67	0	1	0
Pennsauken Twp.	34,379	188	479	388	7	9	7
Pine Hill Boro	9,042	44	157	90	2	0	2
Pine Valley Boro	25	0	0	0	0	0	0
Runnemede Boro	9,310	93	98	99	1	1	1
Somerdale Boro	5,862	67	92	75	0	7	0
Stratford Boro	7,917	23	104	62	1	5	1
Tavistock Boro	8	0	0	0	0	0	0
Voorhees Twp.	18,790	71	288	109	0	4	0
Waterford Twp.	9,834	56	158	60	2	2	1
Winslow Twp.	25,277	105	472	133	4	5	1
Woodlynne Boro	2,576	21	46	21	2	0	1
Total	492,893	3,452	8,129	4,544	95	152	63

CAPE MAY COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Avalon Boro	2,382	31	15	29	0	0	0
Cape May City	5,362	134	78	101	1	2	0
Cape May Point Boro	289	10	3	8	0	0	0
Dennis Twp.	4,659	24	67	56	1	0	0
Lower Twp.	19,533	95	273	257	2	3	2
Middle Twp.	12,882	109	230	149	2	3	2
North Wildwood City	4,975	39	50	61	0	1	0
Ocean City	15,494	156	181	199	0	3	0
Sea Isle City	2,955	38	32	39	0	3	0
Stone Harbor Boro	1,281	21	7	19	0	0	0
Upper Twp.	8,751	73	139	80	0	2	0
West Cape May Boro	1,258	5	18	20	0	0	0
West Wildwood Boro	379	6	10	8	0	0	0
Wildwood City	5,046	45	106	96	0	2	0
Wildwood Crest Boro	4,228	56	35	55	0	1	0
Woodbine Boro	2,704	11	52	32	2	1	2
Total	92,178	853	1,296	1,209	8	21	6

CUMBERLAND COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Bridgeton City	18,757	182	449	296	14	16	12
Commercial Twp.	4,878	22	70	38	2	1	2
Deerfield Twp.	2,745	18	34	15	1	0	0
Downe Twp.	1,913	16	36	23	1	2	0
Fairfield Twp.	5,915	33	86	41	0	0	0
Greenwich Twp.	973	11	13	13	0	0	0
Hopewell Twp.	4,406	27	40	33	0	0	0
Lawrence Twp.	2,398	19	28	18	0	0	0
Maurice River Twp.	6,116	56	48	29	0	1	0
Millville City	25,434	210	428	320	6	6	2
Shiloh Boro	588	5	6	5	0	0	0
Stow Creek Twp.	1,428	3	17	12	0	0	0
Upper Deerfield Twp.	6,921	36	82	38	0	0	0
Vineland City	53,981	393	799	498	12	9	10
Total	136,453	1,031	2,136	1,379	36	35	26

ESSEX COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Belleville Town	35,948	171	460	365	1	7	1
Bloomfield Town	47,812	286	574	484	2	2	2
Caldwell Boro	7,551	98	74	113	0	1	0
Cedar Grove Twp.	12,624	89	101	120	1	2	1
East Orange City	77,583	628	1,481	819	21	22	13
Essex Fells Boro	2,342	46	27	28	1	0	1
Fairfield Boro	8,422	64	80	46	0	1	0
Glen Ridge Boro	7,872	49	98	69	0	0	0
Irvington Town	62,470	415	1,099	665	13	6	11
Livingston Twp.	28,546	374	234	205	1	7	1
Maplewood Twp.	22,894	141	301	244	2	1	2
Millburn Twp.	19,592	254	183	169	0	1	0
Montclair Town	38,705	370	448	421	2	2	1
Newark City	316,345	2,664	5,782	3,085	106	77	58
North Caldwell Boro	6,497	42	56	25	0	0	0
Nutley Town	29,160	253	311	285	2	0	1
Orange City	31,728	314	573	347	11	10	10
Roseland Boro	5,479	43	49	56	1	0	1
South Orange Village	15,869	238	173	143	0	0	0
Verona Boro	14,153	222	130	129	0	2	0
West Caldwell Boro	11,517	27	123	96	0	0	0
West Orange Town	40,816	531	474	487	5	3	3
Total	843,925	7,319	12,831	8,401	169	144	106

GLOUCESTER COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Clayton Boro	6,028	45	84	36	0	1	0
Deptford Twp.	24,374	109	277	169	2	6	1
East Greenwich Twp.	4,530	22	63	42	2	0	2
Elk Twp.	3,414	11	41	6	0	0	0
Franklin Twp.	14,064	73	212	100	1	1	1
Glassboro Boro	14,391	123	209	119	1	3	0
Greenwich Twp.	5,318	47	56	49	1	0	0
Harrison Twp.	3,863	42	78	37	0	1	0
Logan Twp.	3,555	6	70	12	1	2	1
Mantua Twp.	9,951	105	234	115	3	6	2
Monroe Twp.	23,143	161	364	208	1	19	0
National Park Boro	3,460	40	47	28	0	0	0
Newfield Boro	1,608	17	81	33	0	0	0
Paulsboro Boro	6,717	39	134	98	2	4	2
Pitman Boro	9,513	81	143	102	0	0	0
South Harrison Twp.	1,737	4	9	2	0	0	0
Swedesboro Boro	2,114	20	77	40	0	4	0
Washington Twp.	32,631	164	382	95	5	6	4
Wenonah Boro	2,259	24	48	40	0	2	0
West Deptford Twp.	18,313	228	190	112	3	4	1
Westville Boro	4,672	45	123	80	1	2	1
Woodbury City	10,402	161	224	157	6	7	4
Woodbury Heights	3,436	35	41	25	0	0	0
Woolwich Twp.	1,226	2	13	6	0	0	0
Total	210,719	1,604	3,200	1,711	29	68	19

HUDSON COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Bayonne City	62,695	466	765	853	7	4	5
East Newark Boro	1,832	103	35	15	1	0	1
Guttenberg Town	7,501	92	119	66	1	1	0
Harrison Town	12,446	65	173	112	1	5	1
Hoboken City	41,363	232	460	359	4	2	3
Jersey City	218,576	1,904	4,036	2,399	68	34	37
Kearny Town	34,896	254	446	363	5	5	4
North Bergen Twp.	47,363	358	664	519	6	9	3
Secaucus Town	15,253	126	153	156	1	1	1
Union City	55,823	571	1,002	435	8	6	7
Weehawken Twp.	13,230	142	177	125	0	0	0
West New York Town	40,812	568	550	348	4	2	4
Total	551,790	4,881	8,580	5,750	106	69	66

HUNTERDON COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Alexandria Twp.	3,183	12	68	21	1	0	0
Bethlehem Twp.	3,223	9	39	11	0	0	0
Bloomsbury Boro	810	12	25	8	0	0	0
Califon Boro	1,086	25	24	10	0	0	0
Clinton Town	1,888	15	32	28	1	0	1
Clinton Twp.	9,582	66	112	31	0	1	0
Delaware Twp.	3,981	37	54	17	0	0	0
East Amwell Twp.	3,784	15	59	21	0	0	0
Flemington Boro	4,266	78	57	88	0	1	0
Franklin Twp.	2,442	12	32	28	1	2	0
Frenchtown Boro	1,577	38	27	19	2	1	2
Glen Gardner Boro	1,177	8	29	25	0	0	0
Hampton Boro	1,716	35	29	18	0	0	0
High Bridge Boro	3,772	17	69	17	1	0	1
Holland Twp.	4,646	9	52	22	0	0	0
Kingwood Twp.	2,928	15	36	18	0	0	0
Lambertville City	3,896	59	68	70	2	2	2
Lebanon Boro	971	7	13	22	0	0	0
Lebanon Twp.	5,582	17	59	24	0	2	0
Milford Boro	1,367	30	24	20	2	1	1
Raritan Twp.	11,442	35	161	57	0	1	0
Readington Twp.	11,762	107	131	60	0	3	0
Stockton Boro	630	15	12	14	0	0	0
Tewksbury Twp.	4,406	35	37	20	0	0	0
Union Twp.	4,054	33	31	15	0	0	0
West Amwell Twp.	2,312	18	22	8	0	0	0
Total	96,483	759	1,302	692	10	14	7

MERCER COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
East Windsor Twp.	22,628	58	219	102	2	6	1
Ewing Twp.	35,578	193	371	295	2	1	1
Hamilton Twp.	87,375	655	1,032	761	8	8	7
Hightstown Boro	4,537	73	69	88	0	2	0
Hopewell Boro	2,036	12	29	6	0	0	0
Hopewell Twp.	11,207	92	121	74	0	1	0
Lawrence Twp.	23,398	140	269	178	0	5	0
Pennington Boro	2,260	48	31	21	0	0	0
Princeton Boro	12,076	345	119	130	0	3	0
Princeton Twp.	14,308	94	105	77	3	1	1
Trenton City	91,746	825	1,954	1,145	34	32	21
Washington Twp.	4,778	19	58	40	0	2	0
West Windsor Twp.	10,543	40	105	20	1	0	1
Total	322,470	2,594	4,482	2,937	50	61	32

MIDDLESEX COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Carteret Boro	19,378	153	269	226	1	1	1
Cranbury Twp.	2,243	28	66	66	1	0	1
Dunellen Boro	6,297	82	98	66	0	0	0
East Brunswick Twp.	42,066	261	513	226	6	6	5
Edison Twp.	81,934	474	1,256	553	11	4	7
Helmetta Boro	979	8	19	6	0	0	0
Highland Park Boro	13,042	59	176	122	2	5	2
Jamesburg Boro	4,454	65	95	83	0	0	0
Metuchen Boro	13,063	211	190	146	1	3	1
Middlesex Boro	13,202	81	195	132	2	4	2
Milltown Boro	7,018	49	119	67	0	0	0
Monroe Twp.	20,049	79	191	158	0	0	0
New Brunswick City	39,858	784	648	369	9	8	4
North Brunswick Twp.	25,884	218	318	163	8	4	5
Old Bridge Twp.	55,466	317	645	295	0	2	0
Perth Amboy City	37,330	465	741	425	7	13	3
Piscataway Twp.	43,825	267	597	207	3	4	2
Plainsboro Twp.	10,656	61	180	14	1	2	1
Sayreville Boro	34,075	161	434	295	6	2	5
South Amboy City	7,844	112	199	103	0	2	0
South Brunswick Twp.	22,356	133	366	112	0	2	0
South Plainfield Boro	20,186	171	252	133	0	1	0
South River Boro	13,403	115	187	156	0	1	0
Spotswood Boro	8,521	88	70	86	1	0	0
Woodbridge Twp.	93,106	540	1,074	748	10	8	8
Total	636,235	4,982	8,898	4,957	69	72	47

MONMOUTH COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Aberdeen Twp.	18,789	80	292	88	5	1	5
Allenhurst Boro	886	10	8	10	0	1	0
Allentown Boro	1,883	25	35	13	0	1	0
Asbury Park City	16,247	257	421	303	9	6	6
Atlantic Highlands Boro	4,976	73	114	60	0	0	0
Avon-by-the-Sea-Boro	2,257	28	25	30	0	0	0
Belmar Boro	6,335	92	98	77	1	0	1
Bradley Beach Boro	4,921	43	84	57	0	0	0
Brielle Boro	4,540	45	42	43	1	0	1
Colts Neck Twp.	8,302	89	77	34	2	0	1
Deal Boro	1,851	23	18	14	1	0	1
Eatontown Boro	13,460	104	261	108	1	1	0
Englishtown Boro	1,080	28	53	71	0	0	0
Fair Haven Boro	5,511	33	61	44	0	0	0
Farmingdale Boro	1,366	27	41	15	0	1	0
Freehold Boro	10,107	179	175	89	0	0	0
Freehold Twp.	21,223	103	227	194	2	4	2
Hazlet Twp.	23,088	124	292	183	2	0	1
Highlands Boro	5,190	47	90	56	1	1	0
Holmdel Twp.	10,677	112	87	61	0	0	0
Howell Twp.	32,324	161	503	204	3	10	1
Interlaken Boro	978	0	6	19	0	0	0
Keansburg Boro	10,484	142	216	178	4	0	1
Keyport Boro	7,449	85	139	112	2	1	2
Little Silver Boro	5,479	15	65	42	0	1	0
Loch Arbour Village	352	1	2	5	0	0	0
Long Branch City	29,450	292	524	331	7	7	5
Manalapan Twp.	25,504	68	225	103	1	1	1

MONMOUTH COUNTY
(Continued)

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Manasquan Boro	5,341	125	91	93	1	1	0
Marlboro Twp.	25,727	87	318	101	2	3	1
Matawan Boro	8,642	92	149	134	0	3	0
Middletown Twp.	69,290	446	812	478	4	10	3
Millstone Twp.	4,497	21	53	27	0	0	0
Monmouth Beach Boro	3,675	28	33	19	0	0	0
Neptune City Boro	5,115	33	54	38	0	0	0
Neptune Twp.	28,998	184	423	450	5	3	3
Ocean Twp.	23,663	166	335	164	3	1	3
Oceanport Boro	6,316	49	74	46	1	0	1
Red Bank Boro	11,692	224	184	207	3	0	0
Roosevelt Boro	894	2	15	3	0	1	0
Rumson Boro	7,295	107	68	57	2	1	2
Sea Bright Boro	1,896	19	30	16	0	0	0
Sea Girt Boro	2,600	39	15	39	0	2	0
Shrewsbury Boro	2,957	69	32	15	0	1	0
Shrewsbury Twp.	1,125	51	28	26	0	1	0
South Belmar Boro	1,511	2	23	27	0	0	0
Spring Lake Boro	4,170	163	32	71	0	0	0
Spring Lake Heights Boro	5,369	47	36	80	0	0	0
Tinton Falls Boro	9,933	58	118	40	0	0	0
Union Beach Boro	6,390	68	79	71	1	0	1
Upper Freehold Twp.	2,946	15	35	19	0	0	0
Wall Twp.	19,795	88	228	176	1	0	0
West Long Branch Boro	7,900	65	72	60	0	0	0
Total	542,446	4,534	7,518	5,001	65	63	42

MORRIS COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Boonton Town	8,366	75	154	115	3	0	2
Boonton Twp.	3,412	18	26	13	0	1	0
Butler Boro	7,306	85	113	65	0	0	0
Chatham Boro	8,387	71	177	100	1	0	1
Chatham Twp.	9,055	37	54	49	0	0	0
Chester Boro	1,504	58	26	18	0	0	0
Chester Twp.	5,453	14	54	14	3	0	3
Denville Twp.	14,163	119	189	128	0	1	0
Dover Town	14,405	164	282	157	2	5	2
East Hanover Twp.	9,761	73	72	52	0	0	0
Florham Park Boro	10,418	56	86	69	0	1	0
Hanover Twp.	11,902	125	112	70	0	0	0
Harding Twp.	3,489	95	31	26	0	1	0
Jefferson Twp.	16,710	76	254	103	3	2	2
Kinnelon Boro	8,142	64	84	41	0	1	0
Lincoln Park Boro	10,002	81	132	76	1	1	0
Madison Boro	15,379	120	151	122	2	2	1
Mendham Boro	5,235	51	47	33	0	0	1
Mendham Twp.	4,552	39	33	32	1	0	0
Mine Hill Twp.	3,414	7	55	34	0	0	0
Montville Twp.	15,339	100	181	97	1	1	1
Morris Plains Boro	5,940	82	85	53	1	1	1
Morris Twp.	19,713	193	213	92	1	2	1
Morristown Town	16,790	284	270	276	4	4	1

MORRIS COUNTY
(Continued)

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Mount Arlington Boro	4,116	31	28	13	0	0	0
Mount Olive Twp.	19,422	103	374	110	6	5	5
Mountain Lakes Boro	4,088	79	39	13	0	0	0
Netcong Boro	3,455	51	69	29	0	0	0
Parsippany-Troy Hills Twp.	49,247	306	552	278	5	1	3
Passaic Twp.	7,644	60	95	49	0	0	0
Pequannock Twp.	13,434	121	134	124	0	0	0
Randolph Twp.	18,912	128	250	86	1	3	1
Riverdale Boro	2,421	11	26	21	0	0	0
Rockaway Boro	6,613	88	104	70	0	0	0
Rockaway Twp.	19,559	76	249	69	1	1	0
Roxbury Twp.	19,767	124	287	121	5	2	4
Victory Gardens Boro	1,184	1	5	5	0	0	0
Washington Twp.	14,261	69	165	61	0	0	0
Wharton Boro	5,567	80	96	56	0	0	0
Total	418,527	3,415	5,354	2,940	41	35	29

OCEAN COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Barnegat Twp.	9,849	59	155	112	3	3	3
Barnegat Light Boro	664	8	8	3	0	0	0
Bay Head Boro	1,343	52	11	17	0	0	0
Beach Haven Boro	1,812	36	19	30	0	1	0
Beachwood Boro	8,286	41	118	93	2	0	0
Berkeley Twp.	32,094	108	202	474	2	1	2
Brick Twp.	60,902	320	853	639	10	4	9
Dover Twp.	71,434	623	918	955	3	2	3
Eagleswood Twp.	1,108	0	20	13	0	0	0
Harvey Cedars Boro	382	1	1	6	0	0	0
Island Heights Boro	1,608	46	16	23	0	0	0
Jackson Twp.	28,128	123	413	254	3	5	1
Lacey Twp.	18,663	113	263	203	2	0	0
Lakehurst Boro	3,033	31	70	126	4	1	2
Lakewood Twp.	40,135	305	938	674	4	5	4
Lavallette Boro	2,208	32	21	53	0	2	0
Little Egg Harbor Twp.	10,660	32	139	96	1	0	0
Long Beach Twp.	3,800	60	30	44	0	2	0
Manchester Twp.	34,243	46	137	682	1	0	1
Mantoloking Boro	434	4	8	13	0	0	0
Ocean Gate Boro	1,506	6	26	28	0	0	0
Ocean Twp.	4,008	48	67	64	0	0	0
Pine Beach Boro	1,798	4	29	25	0	0	0
Plumsted Twp.	5,050	40	69	48	0	0	0
Point Pleasant Beach Boro	5,529	62	28	51	0	0	0
Point Pleasant Boro	18,404	175	235	283	1	0	0
Seaside Heights Boro	2,129	20	57	27	1	2	1
Seaside Park Boro	1,799	16	19	38	0	0	0
Ship Bottom Boro	1,504	11	12	22	0	0	0
South Toms River Boro	3,970	6	73	27	2	0	2
Stafford Twp.	12,793	58	168	141	2	0	1
Surf City Boro	1,605	15	5	22	0	0	0
Tuckerton Boro	2,723	67	97	79	1	2	1
Total	393,604	2,568	5,225	5,365	42	30	30

PASSAIC COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Bloomingdale Boro	8,058	19	110	70	3	1	3
Clifton City	76,519	526	823	941	6	4	5
Haledon Boro	6,875	66	84	87	0	0	0
Hawthorne Boro	18,678	132	213	205	2	4	2
Little Falls Twp.	12,215	152	108	105	1	0	1
North Haledon Boro	8,443	73	73	87	0	1	0
Passaic City	53,957	566	1,285	508	11	13	8
Paterson City	139,453	1,491	3,117	1,324	39	39	27
Pompton Lakes Boro	10,995	161	123	99	1	0	0
Prospect Park Boro	5,217	70	81	51	1	0	1
Ringwood Boro	13,283	124	161	62	0	1	0
Totowa Boro	11,192	105	81	97	0	0	0
Wanaque Boro	10,579	60	146	85	0	1	0
Wayne Twp.	49,549	396	479	366	2	3	1
West Milford Twp.	25,106	123	426	126	3	4	2
West Paterson Boro	11,417	54	131	85	2	0	2
Total	461,536	4,118	7,441	4,298	71	71	52

SALEM COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Alloway Twp.	2,778	16	26	10	0	1	0
Carneys Point Twp.	8,500	60	116	85	2	0	2
Elmer Boro	1,552	27	37	46	1	1	1
Elsinboro Twp.	1,236	2	4	2	0	0	0
Lower Alloways Creek Twp.	1,571	6	8	6	0	0	0
Mannington Twp.	1,698	12	9	7	0	3	0
Oldmans Twp.	1,879	10	21	19	0	0	0
Penns Grove Boro	5,305	33	76	67	3	1	1
Pennsville Twp.	13,730	105	168	133	4	1	4
Pilesgrove Twp.	2,897	14	17	14	1	0	0
Pittsgrove Twp.	7,860	65	62	47	1	0	0
Quinton Twp.	2,907	15	20	16	0	0	0
Salem City	7,007	67	197	111	2	2	0
Upper Pittsgrove Twp.	3,269	13	35	18	0	0	0
Woodstown Boro	3,267	27	63	54	0	1	0
Total	65,456	472	859	635	14	10	8

SOMERSET COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Bedminster Twp.	4,238	47	63	31	0	0	0
Bernards Twp.	15,303	167	159	108	1	0	1
Bernardsville Boro	6,675	54	45	21	0	1	0
Bound Brook Boro	9,169	138	138	105	1	2	0
Branchburg Twp.	8,899	16	94	47	0	0	0
Bridgewater Twp.	28,922	190	303	197	1	2	0
Far Hills Boro	661	12	17	6	0	1	0
Franklin Twp.	35,663	248	573	237	6	8	4
Green Brook Twp.	4,712	20	52	29	0	0	0
Hillsborough Twp.	23,344	116	361	102	1	2	0
Manville Boro	10,803	69	147	113	1	0	1
Millstone Boro	492	13	6	5	0	0	0
Montgomery Twp.	8,550	31	118	45	0	1	0
North Plainfield Boro	17,854	162	298	140	3	2	3
Peapack-Gladstone Boro	2,128	39	34	18	0	0	0
Raritan Boro	5,987	84	64	56	1	0	1
Rocky Hill Boro	711	18	7	2	0	0	0
Somerville Boro	11,487	169	241	182	3	1	2
South Bound Brook Boro	4,137	26	55	26	0	0	0
Warren Twp.	10,163	112	129	77	0	1	0
Watchung Boro	5,301	73	46	30	0	1	0
Total	215,199	1,804	2,950	1,577	18	22	12

SUSSEX COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Andover Boro	863	13	15	10	0	0	0
Andover Twp.	4,952	58	58	62	0	0	0
Branchville Boro	854	29	18	29	1	1	1
Byram Twp.	7,814	60	132	19	0	1	0
Frankford Twp.	5,101	44	80	58	0	0	0
Franklin Boro	4,457	13	58	42	2	1	2
Fredon Twp.	2,448	17	28	15	0	1	0
Green Twp.	2,597	13	36	7	1	1	1
Hamburg Boro	1,836	34	43	21	0	0	0
Hampton Twp.	4,287	19	59	23	1	0	1
Hardyston Twp.	4,724	33	90	31	0	0	0
Hopatcong Boro	15,088	70	266	65	1	1	1
Lafayette Twp.	1,902	18	30	25	0	0	0
Montague Twp.	2,332	13	30	21	0	1	0
Newton Town	7,535	99	129	116	2	1	1
Ogdensburg Boro	2,659	15	45	16	0	0	0
Sandyston Twp.	1,536	11	12	18	0	0	0
Sparta Twp.	14,319	144	207	70	0	1	0
Stanhope Boro	3,704	40	57	30	1	0	1
Stillwater Twp.	4,212	14	61	30	1	0	1
Sussex Boro	2,457	49	83	53	0	0	0
Vernon Twp.	19,007	64	320	61	3	0	2
Walpack Twp.	119	2	1	1	0	0	0
Wantage Twp.	8,009	33	84	37	0	0	0
Total	122,812	905	1,942	860	13	9	11

UNION COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Berkeley Heights Twp.	12,787	59	128	89	0	0	0
Clark Twp.	16,321	127	134	130	1	1	0
Cranford Twp.	24,079	144	256	232	2	2	1
Elizabeth City	106,656	978	1,916	1,129	16	19	9
Fanwood Boro	7,639	26	102	44	0	0	0
Garwood Boro	4,612	60	55	51	0	0	0
Hillside Twp.	21,384	117	268	215	1	2	1
Kenilworth Boro	8,119	62	80	86	0	0	0
Linden City	37,706	226	437	413	5	1	3
Mountainside Boro	7,051	62	42	52	1	0	1
New Providence Boro	12,228	100	148	74	0	0	0
Plainfield City	46,095	408	937	438	13	11	7
Rahway City	26,686	193	359	262	8	6	8
Roselle Boro	20,485	152	261	227	0	2	0
Roselle Park Boro	13,056	99	145	131	1	0	1
Scotch Plains Twp.	21,634	246	264	166	0	2	0
Springfield Twp.	14,088	83	110	182	0	2	0
Summit City	21,043	232	212	180	2	7	1
Union Twp.	50,875	347	445	681	3	2	3
Westfield Town	30,385	238	354	239	1	1	0
Winfield Twp.	1,729	2	20	23	0	0	0
Total	504,658	3,961	6,673	5,044	54	58	35

WARREN COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Allamuchy Twp.	3,082	22	34	16	0	1	0
Alpha Boro	2,560	23	27	27	0	0	0
Belvidere Town	2,478	43	49	53	1	1	1
Blairstown Twp.	4,890	26	75	54	0	0	0
Franklin Twp.	2,458	15	31	19	1	0	1
Frelinghuysen Twp.	1,611	5	24	6	0	0	0
Greenwich Twp.	1,713	14	22	15	1	0	1
Hackettstown Town	8,974	104	165	104	5	2	5
Hardwick Twp.	1,073	4	14	6	0	0	0
Harmony Twp.	2,575	15	24	9	0	1	0
Hope Twp.	1,657	15	30	10	0	1	0
Independence Twp.	3,012	23	42	21	1	0	0
Knowlton Twp.	2,291	10	42	24	0	0	0
Liberty Twp.	1,892	0	34	5	0	0	0
Lopatcong Twp.	4,747	13	26	40	0	0	0
Mansfield Twp.	6,032	22	92	31	1	0	1
Oxford Twp.	1,600	8	29	24	0	0	0
Pahaquarry Twp.	24	5	0	1	0	0	0
Phillipsburg Town	15,992	126	307	250	1	1	0
Pohatcong Twp.	3,820	26	26	16	0	0	0
Washington Boro	6,649	62	65	10	0	2	0
Washington Twp.	4,446	42	124	103	1	0	1
White Twp.	3,023	26	36	10	0	0	0
Total	86,599	649	1,318	854	12	9	10
State Institutions	0	0	9	9	0	0	0
Military Posts	0	78	225	13	2	1	2
State Total	7,619,670	61,362*	108,444	71,299	1,055	1,166	708

* Total includes one marriage, place unknown.

Note: Population used in this table from the "Population Estimates for New Jersey" issued by the Office of Demographic and Economic Analysis, Division of Planning and Research, Department of Labor, September, 1987. Population not available for State Institutions and Military Posts. County population totals may not add due to rounding.

Fertility
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THE AMERICAN WOMEN

In the U.S. the fertility rate, which expresses the number of live births to women aged 15-44 per 1,000 women in this childbearing age, decreased about two percent between 1985 and 1986 (66.2 and 64.9 respectively). The 1986 rate was the lowest rate thus far recorded. Furthermore the U.S. fertility rate has remained essentially unchanged throughout most of the 70's and 80's. The fertility rate for 1985 was 1,842.5. Thus, if 1,000 women experienced the age-specific birth rates for 1985 over their entire childbearing span, they would be expected to average 1.8 children per woman.

It is not certain whether the recent stability in birth expectations is transitional and will lead to a further decline in fertility, or whether it indicates a new demographic trend in the United States. If the latter proves to be the case, the pattern of American fertility in future years will follow that of many Western European nations and Japan, namely, small fluctuations in fertility around the level needed for the natural replacement of the population (approximately 2.1 children per woman).

From marriage data it is known that in recent years there has been an increasing tendency for women to delay their first marriage and first birth to later years. Of those women who first married between 1965 and 1969, 69 percent married by age 21; this proportion declined to 60 percent for women who first married during the 1976-80 period. The median age at first marriage has risen for both sexes since 1965; in 1981 the median ages were 22.0 years for females and 23.9 years for males. In addition, 56 percent of all first births between 1965 and 1969 occurred to women less than 22 years old; this percentage dropped to 47 percent between 1976 and 1980 for women having their first birth.

The longer a woman postpones childbearing after her first marriage, the less likely she .. to have any children at all. In 1982, 20.4 percent of ever married women between the ages of 15 and 44 were childless, compared to 18.8 percent in 1980. Furthermore, fewer married women are having children before reaching twenty. The percent of ever married women who remained childless from ages 15-19 has increased from 46.6% in 1980 to 52.8% in 1981 to 57.4% in 1982.

THE NEW JERSEY WOMEN

Fertility patterns of New Jersey women of childbearing age have shown several changes in trend. The decade of the forties was the end of a long period of declining fertility. In the fifties fertility rates increased steadily reaching their highest levels. In 1960 we had 9.8% fewer women aged 20-24, for instance, than in 1950. However, the State had approximately 12,328 more births in this age group, a 45% increase in births. In the 1970s the fertility rate decreased from a 1970 high of 81.2 per 1,000 women to a level of 55.2 per 1,000 in 1976. The 1986 level indicates a fertility rate of 60.4 per 1,000 women.

The fertility rates over the past 30 years have changed most dramatically for women 20-24 years of age. From the 1950 level of 151.1 births per 1,000, the rate rose to 240.6 by 1960. This represents an increase of nearly 90 per thousand. During the decade of the sixties the decline was equally dramatic dropping from 240.6 per thousand to 154.8 in 1970. This placed the rate back almost to the 1950 level. The 1970 to 1980 period showed a low of 67.0 per thousand for this age group of 20 to 24 year olds. The 1986 rate is 78.5 per thousand, a decrease from 87.0 per thousand in 1980.

A review of all age groups shows that the change since 1960 is a reversal to lower fertility rates. The fertility rates by individual age groups ranged in 1960 from a rate of 34.8 for women 35 years and older to 58.3 for those under twenty. In 1980, the range was from 12.5 (35 years +) to 35.2 for those under 20. The rates for all ages are now below the 1970 rates, but in New Jersey the fertility rates for 1986 were slightly increased over 1985 for women aged 15-19 and 25-44.

New Jersey's present uptrend in fertility rates is contrary to the national trend. U.S. fertility rates were 66.1 per 1,000 women in 1985 and 64.9 per 1,000 women in 1986. Fertility rates in New Jersey were 59.2 and 60.4 per 1,000 women for the same two years. New Jersey's lower fertility rates are attributable, in part, to the older age structure of the female population.

The age-specific fertility rates for younger women aged 20 to 24 in New Jersey have been declining over the period 1980 to 1986, while over that same time period the age-specific fertility rates for women aged 25 and over have been increasing. The crossover in these trends implies that childbearing is occurring later, possibly for socio-economic reasons.

With the use of age-specific fertility rates it is possible to calculate the "total fertility rate" (TFR) which summarizes the changes in fertility. The rate is computed by summing the age-specific rates for all childbearing ages and multiplying by the number of years in each age group used. In this case the age interval is five (5) representing five ages in each group. It can be interpreted as the number of children that would be born to a cohort of one-thousand women if, at all childbearing ages, they bore children at the age-specific rates observed in the reference year. Considering present death rates and a sex ratio at birth of 106 males per 100 females, it requires a little over 2,100 births per thousand females to replace themselves as child bearers in the next generation. Thus, when the TFR exceeds 2,100, the next generation will have a larger childbearing population than the present one; when the TFR declines below 2,100, the next childbearing generation will be smaller then the present generation.

In 1950 the TFR for New Jersey was close to the replacement value of 2,100. By 1960 it had risen to 3,446. However, by 1970 a drop of 30% brought the level down to 2,408. The decline of the TFR during the sixties was greater than the rise in the fifties. The single year decline between 1970/71 and 1971/72 showed the most rapid decline of any year for which we have detailed data. The TFR appears to have "bottomed out" in the late 1970s, just as the number of births did in the early 1970s. In 1980 the 1,604 value was 30.9% below replacement fertility level. By 1986 however, the rate was again on the rise, reaching 1,737. Since the number of marriages in New Jersey has increased this year, perhaps the TFR will continue to rise.

TABLE 1
UNITED STATES
BIRTHS AND FERTILITY RATE*
1960-1986

	Births		Fertility Rate
Year	Number	Rate	Per 1,000 Women
1960	4,257,850	23.7	118.0
1961	4,268,326	23.3	117.1
1962	4,167,362	22.4	112.0
1963	4,098,020	21.7	108.3
1964	4,027,490	21.1	104.7
1965	3,760,358	19.4	96.3
1966	3,606,274	18.4	90.8
1967	3,520,959	17.8	87.2
1968	3,501,564	17.6	85.2
1969	3,600,206	17.9	86.1
1970	3,731,386	18.4	87.9
1971	3,555,970	17.2	81.6
1972	3,258,411	15.6	73.1
1973	3,136,965	14.8	68.8
1974	3,159,958	14.8	67.8
1975	3,144,198	14.6	66.0
1976	3,167,788	14.6	65.0
1977	3,326,632	15.1	66.8
1978	3,333,279	15.0	65.5
1979	3,494,398	15.6	67.2
1980	3,612,258	15.9	68.4
1981	3,629,238	15.8	67.4
1982	3,680,537	15.9	67.3
1983	3,638,933	15.5	65.8
1984	3,669,141	15.5	65.4
1985	3,749,000	15.7	66.1
1986	3,731,000	15.5	64.9

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*Source: Monthly Vital Statistics Report
National Center for Health Statistics
Vol. 35, No. 13, August 24, 1987

TABLE-2
NEW JERSEY
BIRTHS AND FERTILITY RATE
1960-1986

	Births		Fertility Rate
Year	Number	Rate	Per 1,000 Women
1960	132,594	21.8	106.2
1961	135,320	21.7	N/A
1962	131,603	20.7	N/A
1963	132,606	20.4	N/A
1964	131,593	19.9	N/A
1965	125,104	18.6	N/A
1966	120,116	17.6	82.3
1967	116,091	16.8	79.6
1968	114,101	16.3	76.8
1969	117,232	16.5	N/A
1970	120,168	16.7	81.2
1971	111,376	15.3	74.0
1972	99,050	13.5	65.1
1973	94,024	12.8	61.6
1974	94,242	12.7	61.6
1975	91,457	12.4	56.6
1976	90,549	12.3	55.2
1977	93,786	12.7	58.9
1978	93,356	12.8	58.6
1979	95,672	13.0	60.2
1980	96,438	13.1	57.4
1981	96,205	13.1	56.8
1982	98,225	13.3	57.5
1983	98,746	13.3	56.7
1984	100,950	13.4	57.4
1985	105,329	13.9	59.2
1986	108,444	14.2	60.4

TABLE-3
NEW JERSEY
NUMBER OF BIRTHS TO WOMEN 15-44 YEARS
1980-1986

Age Group	1980	1981	1982	1983	1984	1985	1986
15-19	11,595	10,852	11,063	10,607	10,018	9,949	9,922
20-24	27,233	26,290	26,217	25,388	24,991	25,024	24,447
25-29	32,122	32,425	32,554	33,417	34,416	36,017	37,200
30-34	19,451	20,489	21,286	21,618	23,129	25,061	26,737
35-39	4,990	5,126	6,008	6,581	7,129	8,041	8,794
40-44	711	702	805	814	944	923	1,041
TOTAL	96,102	95,884	97,933	98,425	100,627	105,015	108,141

TABLE-4
NEW JERSEY
FEMALE POPULATION 15-44
1980-1986

Age Group	1980	1981	1982	1983	1984	1985	1986
15-19	329,515	332,026	332,786	299,403	293,952	290,686	284,934
20-24	312,973	315,361	316,083	314,560	313,090	312,901	311,321
25-29	295,287	297,540	298,221	313,221	315,888	317,025	320,144
30-34	293,484	295,723	296,400	304,188	308,691	313,535	318,112
35-39	249,592	251,496	252,072	275,914	281,813	289,256	294,975
40-44	206,609	208,185	208,662	229,954	239,872	250,735	260,574
TOTAL	1,687,460	1,700,331	1,704,224	1,737,240	1,753,306	1,774,138	1,790,060

TABLE-5
NEW JERSEY
TOTAL FERTILITY RATE
AGE-SPECIFIC
1980-1986

Age Group	1980	1981	1982	1983	1984	1985	1986
15-19	35.2	32.7	33.2	35.4	34.1	34.2	34.8
20-24	87.0	83.4	82.9	80.7	79.8	80.0	78.5
25-29	108.8	109.0	109.2	106.7	109.0	113.6	116.2
30-34	66.3	69.3	71.8	71.1	74.9	79.9	84.0
35-39	20.0	20.4	23.8	23.9	25.3	27.8	29.8
40-44	3.4	3.4	3.9	3.5	3.9	3.7	4.0
TOTAL FER. RATE	1,604	1,591	1,624	1,607	1,635	1,696	1,737

Abortions
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Abortions
1986

INTRODUCTION

The Department of Health collects data on induced abortions performed in all licensed abortion facilities in the State. Abortions performed in hospitals and licensed outpatient abortion facilities must be reported to the Department within 10 days after the close of the month in which the procedure was performed. Forms are provided by the Department and are processed monthly. A yearly summary report is also compiled. The form is designed to provide data which can serve as a basic resource for health services decisions relating to abortions, such as planning abortion services and providing family planning services. Data collected include information on the woman's age, marital status, municipality of residence, race, prior number of pregnancies and prior live births. Clinical information is limited to gestation period at termination and method of termination. Patients' names are never reported to the Department; therefore confidentiality is maintained.

This report includes a narrative summary which presents related clinical information and demographic characteristics of the women receiving abortions in 1986. The statistics presented in this report represent induced abortions occurring only in licensed New Jersey health care facilities. Data can be obtained for residents obtaining abortions in other states from the National Center for Disease Control, Atlanta, Georgia.

OVERVIEW

Selected Characteristics

The number of reported induced abortions performed in New Jersey was 33,376 in 1986 compared to 31,266 in 1985, 31,236 in 1984, 24,722 in 1983 and 30,269 in 1982. The increase from 1985 to 1986 was 6.7 percent. However, the percentage change between 1984 and 1985 was inconsequential. The percentage increase from 1983 to 1984 was 26.3 percent compared to the 18.3 percent decline from 1982 to 1983. In 1986, women who obtained an induced abortion in New Jersey were predominently state residents (97.2%). The majority of women were Caucasian (43.9%) and 37.4 percent were Black. The average age among women receiving induced abortions in 1983 was 24.6 years compared to 24.4 years in 1984 and 24.5 years in 1985 and 1986. Most of the women (77.0%) were unmarried, less than 25 years of age (59.0%) and childless (50.1%). The majority of abortions (83.2%) were performed during the first trimester by sharp or suction curettage (99.9% of first trimester cases and 97.3% of all cases). As in previous years, a licensed outpatient abortion clinic was the primary setting used in 1986 and accounted for nearly three-quarters (71.8%) of all abortions performed and 70.8 percent of the first trimester procedures.

Age

Over one-third of the 1986 abortions were performed on women between the ages of 20-24. Nearly one-fourth were performed on women aged 15-19, while slightly over one-fifth were performed on women ages 25-29. The under 15 and over 44 years categories accounted for less than 1.5% of the 33,376 abortions in 1986. However, the ratio of induced abortions to live births (defined below) for these two age groups was notably higher than for the in-between ranges. Their rate of abortions to live births has fluctuated greatly from 1,155 per 1,000 births in 1983 to 1,634 in 1985, dropping to 1,323 in 1986. The 25-29 and 30-34 year old age groups experienced the lowest abortion to live births ratios, 200 and 147, respectively, down from 188 and 140 in 1985. The 1986 abortions to births ratio for New Jersey women was 315 per 1,000, a slight increase from 305 in 1985; another way to express this ratio is one abortion per 3.2 live births.

The abortion ratio is defined as the number of women obtaining legal abortions divided by the number of women giving birth in the population in the same year with the same demographic characteristics (such as residence, age, race, marital status, or number of previous live births) times 1,000. The purpose of this ratio is to locate where in the life cycle with respect to either age or previous number of live births, for example, women are more likely to receive an induced abortion than at other points in the life cycle.

Race

The women having induced abortions in 1986 were self-reported as 43.9% white, 55.4% nonwhites and 0.7% unknown. In 1986 these percentages highlight a trend in recent years which resulted in a 9.5% percent decline for 1986 in the percentages of whites and an identical increase in relative numbers of nonwhites who have obtained induced abortions. In 1979, the percentages of white women equaled 64.4%, dropping to 60.4% in 1980, 58.9% in 1981, 54.2% in 1982, 53.2% in 1983, 51.1% in 1984, 48.5% in 1985 and 43.9% in 1986. Black women who had induced abortions increased from 26.2% in 1980 to 37.4% in 1986.

The ratio of induced abortions to live births decreased between 1982 and 1983 for both whites and nonwhites, increased between 1983 and 1984 and decreased between 1984 and 1985. In 1986, the ratio decreased for whites but increased for Blacks. For white women, the ratio declined from 219 to 174 between 1982 and 1983, and then rose to 207 in 1984. In 1985 it dropped to 189 and in 1986 it fell to 176. The same ratio fluctuated for black females dropping from 518 to 445, then rising to 631 induced abortions per 1,000 live births over the years 1982 to 1986.

Marital Status

Unmarried women had 77.0 percent of the total induced abortions in 1986. The two age categories which accounted for slightly over one-half were unmarried women aged 15-19 (23.1%) and unmarried women aged 20-24 (28.9%). Married women who received abortions exceeded those for unmarried women in all age groups after age 34. There were 51.9 percent more married women than unmarried women who were over 34 and had induced abortions.

Prior Number of Live Births

Abortion data reported for 1986 indicated that half (50.1%) of women had never given birth at the time of pregnancy termination. Almost one-quarter (24.1%) of the women indicated having one previous live birth, and 17.1 percent had two previous live births. Fewer than one in ten (6%) were listed with three or more births.

The lowest induced abortions per 1,000 live births ratio (231) was computed for women who had one previous live birth. Women with three previous live births had the highest ratio of abortions to live births (403 per 1,000); women with two or four previous births had very similar ratios (378 and 362 respectively).

Place of Residence

The majority of women (97.2%) who elected to have an abortion in New Jersey were in-state residents. Essex was the most frequent place of residence (26.4%) with the lowest (0.1%) recorded in Salem County. More than one-half of the abortions in 1986 were obtained by women who indicated Essex (26.4%), Hudson (15.3%), Bergen (7.9%), or Passaic (6.8%) as counties of residence. Correspondingly, these areas rank as the four most heavily populated counties in New Jersey. In 1986 Hudson County experienced the greatest increase in the number of abortions performed, an increase of 1,517 cases. This was also the largest percentage increase in abortions, 42.1%. The greatest decrease in the number of abortions performed in 1986 was in Bergen County, a decline of 239 cases or 8.3%. The greatest percentage decrease occurred in Hunterdon County, 17.4% or 33 cases.

For the 1986 reporting period, out-of-state women who had abortions originated from twenty three states, the District of Columbia and several foreign countries. The border states of New York and Pennsylvania were most frequently represented. New York State residents accounted for 61.4 percent (580) of all nonresident abortions while Pennsylvania residents represented 31.5 percent (298) of the total.

Type of Procedure

The types of procedures most frequently reported were suction curettage (79.1%) and sharp curettage (18.2%). These two procedures accounted for nearly all (99.9%) reported first trimester abortions and 99.1 percent of the procedures performed between the 13th and 15th weeks of pregnancy. Saline instillations represented 2.5 percent of all reported induced abortion procedures. Abortion induced by saline instillation or administration of the drug Prostaglandin occur primarily after the 16th week of gestation. Saline instillations accounted for 68.8% of all abortions performed during the late second trimester, and Prostaglandin administrations accounted for 7.5%. The use of Prostaglandin increased in 1986 from 3.8% in 1985, a reversal of a downward trend since 1981 when 8% of late second trimester abortions were performed using Prostaglandin. The use of suction curettage during the period between the 16th and 20th weeks of gestation is increasing. Suction curettage was used in 41.4 percent of the cases occurring between 16 and 20 weeks, compared to 26.1 percent in 1985, 26.7 percent in 1984, 13.9 percent in 1983 and 1.3 percent in 1982. In contrast, the percentage of saline instillations has declined during the same period. More sharp/suction curettages were performed than saline instillations for the 16th through 20th weeks of gestation since 1982. It should be noted that the period between 16 and 20 weeks of gestation includes two relatively distinct stages of pregnancy requiring different abortion procedures.

Weeks of Gestation

Of the 33,376 reported induced abortions in 1986, 83.2 percent were completed during the first trimester of pregnancy, almost identical to 1985 (83.4 percent). The proportion of abortions performed during the 13th to 20th weeks increased slightly from the 15.3 percent in 1985 to 16.3 percent in 1986. One hundred sixty women (0.5%) underwent a late second trimester abortion (over 20 weeks) compared to 1.4 percent in 1985 and 1984.

More than one-third (34.1%) of all first trimester abortions were performed on women in the 20 to 24 age group. Percentages for women aged 15-19 were 21.5% and 22.8% for women aged 25-29. Women who terminated pregnancy in the 13th to 20th week of gestation were most frequently aged 15-19 (35.8%), and one-third (34.4%) were in the 20-24 age range. Of the women estimated to be more than 20 weeks pregnant at the time of the reported abortion, 31.9 percent were in the age group 15-19, and 23.0 percent were 20-24 years old. The same figures for 1985 were 35.4 percent and 32.1, respectively. There were four women between the ages of 40 and 44 in the over 20 weeks gestation classification, and 21.9% of the women were between the ages of 30 and 44 years.

Type of Facility

The 1986 data on induced abortions were collected from hospitals and licensed outpatient abortion facilities. The percentage of abortions performed in hospitals increased steadily from 1979 to 1981 and decreased, though unevenly, since then. In 1979, 28.6 percent of abortions were performed in a hospital setting, 32.6 percent in 1980, 38.1 percent in 1981, 36.0 percent in 1982, 37.9 percent in 1983, 34.0 percent in 1984 and 34.2 percent in 1985, and 28.2 percent in 1986. Outpatient facilities accounted for 71.8 percent of the 33,376 reported abortions in 1986. Most (88.6%) of the 13 to 15 week pregnancy terminations were completed in a licensed outpatient facility along with 70.8 percent of all reported first trimester abortions. All (with the exception of two) pregnancy terminations performed after 20 weeks and 31.0 percent of those completed during the 16th to 20th week were reported by hospitals. In 1983, 51.7 percent of those abortions performed during the 16th to 20th week were performed in hospitals. Of all single women who had an abortion in 1986, nearly three-quarters (73.5%) went to clinics. Married women were more likely to use an outpatient facility in 1986: 67.3% of married women had procedures in outpatient facilities compared to 62.6% in 1985 and 61.6% in 1984.

Number of Previous Abortions

Information submitted indicated that most women (53.6%) had never undergone a previously induced pregnancy termination. Slightly over one-fourth (28.9%) of the women had obtained one previous abortion, and 17.4% reported two or more past abortions. A comparison with two earlier years shows a similar likelihood to present for first abortion (55.2% had first abortions in 1985, while 57.0 percent had their first abortion in 1984), indicating that recidivism is not increasing.

ABORTION REPORTING GUIDELINES

The Department of Health in cooperation with the State Board of Medical Examiners, the New Jersey Obstetrical and Gynecological Society, and the Medical Society of New Jersey have adopted the following guidelines (applicable to abortion data) which were made necessary by the United States Supreme Court's decision regarding abortion:

1. Only persons licensed as physicians are permitted to perform abortions.

2. First trimester abortions (on or before the 12th week of pregnancy) may be performed only by qualified physicians in their private offices (if the patients medical condition permits) or in licensed health care facilities (i.e., hospitals or outpatient abortion clinics).

3. Beyond the first 12 weeks and within a period of gestation not exceeding 16 menstrual weeks and/or 14 gestation weeks (size as determined by a physician) termination of pregnancy using the dilation and evaluation procedure can be performed either in a licensed hospital or outpatient abortion clinic; if any other method of abortion is utilized to terminate a pregnancy during this time it must be performed in a licensed hospital on an inpatient basis.

4. Termination of a pregnancy after the 16th menstrual or 14th gestation week will only be performed in a licensed hospital on an inpatient basis.

5. Third trimester abortions are allowed only to preserve the life or health of the mother, or where it has been determined late in pregnancy that there is a nonviable or deformed fetus incapable of extrauterine survival.

TABLE-1

CHARACTERISTICS OF WOMEN RECEIVING ABORTIONS
1986

	ABORTIONS	PERCENT	RATIO*
RESIDENCE			
NEW JERSEY	32426	97.15	313
OUT-OF-STATE	945	2.83	391
UNKNOWN	5	0.01	0
AGE			
< 15	328	0.98	1327
15-19	7961	23.85	809
20-24	11387	34.12	470
25-29	7263	21.76	199
30-34	3794	11.37	147
35-39	2088	6.26	247
40-44	495	1.48	508
> 44	45	0.13	1184
UNKNOWN	15	0.04	1153
RACE			
WHITE	14661	43.93	176
BLACK	12478	37.39	631
OTHER	6012	18.01	2044
UNKNOWN	225	0.67	855
MARITAL STATUS			
MARRIED	7416	22.22	91
UNMARRIED	25685	76.96	1051
UNKNOWN	275	0.82	11000
NUMBER OF LIVE BIRTHS			
NONE	16732	50.13	346
ONE	8033	24.07	231
TWO	5716	17.13	378
THREE	1986	5.95	403
FOUR	588	1.76	362
> FOUR	307	0.92	260
UNKNOWN	14	0.04	89
TOTAL	33376	100.00	315

*PER 1,000 LIVE BIRTHS

TABLE I (Cont'd)

CHARACTERISTICS OF WOMEN RECEIVING ABORTIONS
1986

	ABORTIONS	PERCENT
TYPE OF PROCEDURE		
SHARP CURETTAGE	6072	18.19
SUCTION CURETTAGE (D&C)	26388	79.06
HYSTERECTOMY	9	0.03
HYSTEROTOMY	4	0.01
SALINE INSTILLATION	825	2.47
PROSTAGLANDIN INSTILLATION	71	0.21
OTHER	4	0.01
UNKNOWN	3	0.01
WEEKS OF GESTATION		
< 9	17773	53.25
9-10	7160	21.45
11-12	2851	8.54
13-15	2694	8.07
16-20	2738	8.20
> 20	160	0.48
UNKNOWN	0	0.0
TYPE OF FACILITY		
HOSPITALS	9427	28.24
CLINICS	23949	71.76
NUMBER OF PREVIOUS ABORTIONS		
NONE	17904	53.64
ONE	9647	28.90
TWO	3718	11.14
THREE	1331	3.99
> THREE	771	2.31
UNKNOWN	5	0.01
TOTAL	33376	100.00

TABLE-2

ABORTIONS BY COUNTY OF RESIDENCE, RACE, AND AGE
1986

COUNTY OF RESIDENCE	TOTAL	RACE				AGE								
		WHITE	BLACK	OTHER	UNKNOWN	≤ 15	15-19	20-24	25-29	30-34	35-39	40-44	≥ 44	UNKNOWN
ATLANTIC	1032	662	271	92	7	8	247	368	243	104	51	11	0	0
BERGEN	2649	1632	419	593	5	14	500	853	597	374	236	72	3	0
BURLINGTON	291	179	89	19	4	3	54	93	53	39	41	7	1	0
CAMDEN	575	221	279	73	2	5	127	202	139	61	32	9	0	0
CAPE MAY	338	287	40	10	1	2	78	120	68	42	21	7	0	0
CUMBERLAND	534	328	130	71	5	6	170	196	89	42	25	6	0	0
ESSEX	8813	1403	6090	1230	90	115	2216	3105	1945	941	387	90	10	4
GLOUCESTER	208	149	45	11	3	4	65	61	41	22	13	1	0	1
HUDSON	5122	2108	1383	1622	9	36	1112	1675	1185	644	379	81	8	2
HUNTERDON	157	132	9	15	1	2	48	42	30	21	13	1	0	0
MERCER	1103	404	588	101	10	19	286	381	236	103	63	13	0	2
MIDDLESEX	1954	1216	394	321	23	18	491	661	390	229	129	33	1	2
MONMOUTH	2226	1502	524	188	12	24	673	806	408	190	104	19	0	2
MORRIS	931	706	84	139	2	2	156	278	215	135	108	31	6	0
OCEAN	635	526	52	52	5	1	203	204	129	55	37	6	0	0
PASSAIC	2269	685	839	736	9	33	506	831	520	238	110	25	6	0
SALEM	36	28	6	2	0	1	12	13	7	2	1	0	0	0
SOMERSET	885	488	294	99	4	9	191	289	198	102	78	18	0	0
SUSSEX	328	270	13	43	2	2	104	94	52	38	27	10	1	0
UNION	2164	898	821	419	26	17	465	721	476	278	158	41	7	1
WARREN	176	145	8	23	0	0	43	64	34	25	10	0	0	0
CUT-OF-STATE	943	688	98	152	5	7	214	328	206	107	65	14	2	0
FOREIGN	2	2	0	0	0	0	0	0	2	0	0	0	0	0
UNKNOWN	5	2	2	1	0	0	0	2	0	2	0	0	0	1
TOTAL	33376	14661	12478	6012	225	328	7961	11387	7263	3794	2088	495	45	15

TABLE-3

PERCENT DISTRIBUTIONS OF ABORTIONS BY AGE, RACE, MARITAL STATUS, GESTATION AND TYPE OF FACILITY
1986

	TOTAL	PERCENT	HOSPITAL		CLINIC	
			NUMBER	PERCENT	NUMBER	PERCENT
AGE						
< 15	328	0.98	123	1.30	205	0.86
15-19	7961	23.85	1839	19.51	6122	25.56
20-24	11387	34.12	3035	32.19	8352	34.87
25-29	7263	21.76	2080	22.06	5183	21.64
30-34	3794	11.37	1257	13.33	2537	10.59
35-39	2088	6.26	839	8.90	1249	5.22
40-44	495	1.48	226	2.40	269	1.12
> 44	45	0.13	24	0.25	21	0.09
UNKNOWN	15	0.04	4	0.04	11	0.05
RACE						
WHITE	14661	43.93	2948	31.27	11713	48.91
BLACK	12478	37.39	5174	54.88	7304	30.50
OTHER	6012	18.01	1200	12.73	4812	20.09
UNKNOWN	225	0.67	105	1.11	120	0.50
MARITAL STATUS						
MARRIED	7416	22.22	2427	25.75	4989	20.83
UNMARRIED	25685	76.96	6798	72.11	18887	78.86
UNKNOWN	275	0.82	202	2.14	73	0.30
GESTATION						
< 9	17773	53.25	5320	56.43	12453	52.00
9-10	7160	21.45	1963	20.82	5197	21.70
11-12	2851	8.54	829	8.79	2022	8.44
13-15	2694	8.07	307	3.26	2387	9.97
16-20	2738	8.20	850	9.02	1888	7.88
> 20	160	0.48	158	1.68	2	0.01
UNKNOWN	0	0.0	0	0.0	0	0.0
TOTAL	33376	100.00	9427	100.00	23949	100.00

TABLE-4

ABORTIONS BY AGE, RACE, PRIMARY PROCEDURE, AND LENGTH OF GESTATION
1986

		WEEK OF GESTATION						
	TOTAL	≤ 9	9-10	11-12	13-15	16-20	≥ 20	UNKNOWN
AGE								
< 15	328	123	56	36	42	63	8	0
15-19	7961	3418	1707	839	869	1077	51	0
20-24	11387	5913	2567	1001	954	916	36	0
25-29	7263	4224	1553	553	482	421	30	0
30-34	3794	2348	761	278	219	170	18	0
35-39	2088	1380	410	118	98	69	13	0
40-44	495	324	95	22	29	21	4	0
> 44	45	31	9	3	1	1	0	0
UNKNOWN	15	12	2	1	0	0	0	0
RACE								
WHITE	14661	8247	3126	1079	1118	1058	33	0
BLACK	12478	6002	2786	1254	1112	1215	109	0
OTHER	6012	3381	1203	507	452	451	18	0
UNKNOWN	225	143	45	11	12	14	0	0
PRIMARY PROCEDURE								
SHARP CURETTAGE	6072	3058	1083	375	724	831	1	0
SUCTION CURETTAGE	26388	14696	6072	2474	1945	1166	35	0
HYSTERECTOMY	9	5	2	0	0	1	1	0
HYSTEROTOMY	4	1	0	0	1	1	1	0
SALINE INSTILLATI	825	4	1	2	20	688	110	0
PROSTAGLANDIN INS	71	4	1	0	4	50	12	0
OTHER	4	2	1	0	0	1	0	0
UNKNOWN	3	3	0	0	0	0	0	0
TOTAL	33376	17773	7160	2851	2694	2738	160	0

TABLE-5

PERCENT DISTRIBUTIONS OF ABORTIONS BY RACE, MARITAL STATUS, AND AGE

1986

	TOTAL	< 15 NO. %	15-19 NO. %	20-24 NO. %	25-29 NO. %	30-34 NO. %	35-39 NO. %	40-44 NO. %	> 44 NO. %	UNKNOWN NO. %
RACE										
WHITE	14661	65 0.19	3366 10.09	4720 14.14	3222 9.65	1806 5.41	1160 3.48	290 0.87	25 0.07	7 0.02
BLACK	12478	230 0.69	3332 9.98	4579 13.72	2631 7.88	1143 3.42	469 1.41	82 0.25	8 0.02	4 0.01
OTHER	6012	32 0.10	1205 3.61	2017 6.04	1355 4.06	824 2.47	445 1.33	119 0.36	12 0.04	3 0.01
UNKNOWN	225	1 0.00	58 0.17	71 0.21	55 0.16	21 0.06	14 0.04	4 0.01	0 0.0	1 0.00
MARITAL STATUS										
MARRIED	7416	1 0.00	222 0.67	1638 4.91	2224 6.66	1760 5.27	1213 3.63	327 0.98	29 0.09	2 0.01
UNMARRIED	25685	326 0.98	7702 23.08	9653 28.92	4968 14.88	2002 6.00	850 2.55	161 0.48	16 0.05	7 0.02
UNKNOWN	275	1 0.00	37 0.11	96 0.29	71 0.21	32 0.10	25 0.07	7 0.02	0 0.0	6 0.02
TOTAL	33376	328 0.98	7961 23.85	11387 34.12	7263 21.76	3794 11.37	2088 6.26	495 1.48	45 0.13	15 0.04

TABLE-6

ABORTIONS BY AGE, RACE
MARITAL STATUS, AND PRIOR ABORTIONS
1986

	TOTAL	PRIOR ABORTIONS 0	1	2	3	> 3	UNKNOWN
AGE							
< 15	328	301	21	2	4	0	0
15-19	7961	5742	1777	361	65	15	1
20-24	11387	5685	3696	1394	421	191	0
25-29	7263	3108	2300	1110	463	279	3
30-34	3794	1686	1165	529	225	188	1
35-39	2088	1063	562	253	129	81	0
40-44	495	282	115	62	22	14	0
> 44	45	25	8	7	2	3	0
UNKNOWN	15	12	3	0	0	0	0
RACE							
WHITE	14661	8682	3876	1343	489	269	2
BLACK	12478	5747	4070	1693	606	359	3
OTHER	6012	3326	1661	655	230	140	0
UNKNOWN	225	149	40	27	6	3	0
MARITAL STATUS							
MARRIED	7416	3853	2097	887	372	206	1
UNMARRIED	25685	13882	7488	2806	953	553	3
UNKNOWN	275	169	62	25	6	12	1
TOTAL	33376	17904	9647	3718	1331	771	5

TABLE-7

ABORTIONS BY PRIOR NUMBER OF ABORTIONS AND PRIOR NUMBER OF LIVE BIRTHS

1986

		NUMBER OF LIVE BIRTHS						
PRIOR ABORTIONS	TOTAL	0	1	2	3	4	> 4	UNKNOWN
NONE	17904	10745	3528	2450	810	238	121	12
ONE	9647	4207	2805	1762	622	171	80	0
TWO	3718	1230	1090	909	326	101	62	0
THREE	1331	380	380	370	136	39	26	0
> THREE	771	168	230	225	91	39	18	0
UNKNOWN	5	2	0	0	1	0	0	2
TOTAL	33376	16732	8033	5716	1986	588	307	14

TABLE-8

ABORTIONS BY PRIOR NUMBER OF LIVE BIRTHS
RACE AND MARITAL STATUS
1986

PRIOR LIVE BIRTHS	TOTAL	WHITE TOTAL	WHITE MAR	WHITE UNMAR	WHITE UNKWN	BLACK TOTAL	BLACK MAR	BLACK UNMAR	BLACK UNKWN	OTHER TOTAL	OTHER MAR	OTHER UNMAR	OTHER UNKWN	UNKNOWN TOTAL	UNKNOWN MAR	UNKNOWN UNMAR	UNKNOWN UNKWN
NONE	16732	9441	885	8516	40	4678	219	4396	63	2480	384	2086	10	133	8	119	6
ONE	8033	2416	1041	1367	8	4007	474	3494	39	1570	624	936	10	40	12	24	4
TWO	5716	1961	1312	635	14	2436	521	1886	29	1292	684	601	7	27	16	7	4
THREE	1986	635	416	214	5	898	219	670	9	444	223	212	9	9	6	3	0
FOUR	588	141	90	50	1	305	83	213	9	138	66	72	0	4	1	3	0
> FOUR	307	66	43	23	0	153	45	102	6	85	39	46	0	3	1	1	1
UNKNWN	14	1	0	0	1	1	0	1	0	3	1	2	0	9	3	6	0
TOTAL	33376	14661	3787	10805	69	12478	1561	10762	155	6012	2021	3955	36	225	47	163	15

Communicable Diseases
1986

TAB-1

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Communicable Diseases
1986

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Communicable Diseases
1986

INTRODUCTION

Overview

In previous years the Morbidity section of the Health Statistics Report has reported the occurrence of communicable diseases throughout the state. For the first time in New Jersey Health Statistics 1985, communicable diseases were reported in a section titled Communicable Diseases. This newly created section also reported Acquired Immunodeficiency Syndrome (AIDS) cases and deaths.

The Communicable Diseases section reports on those diseases declared by law under the New Jersey State Sanitary Code to require notification of their occurrence to the Department of Health. As provided by Regulation 8:57-1.14 both AIDS and AIDS Related Complex (ARC) became legally reportable diseases on October 6, 1986. Statewide reporting of these diseases involves various programs throughout the Department of Health, each of which collect and compile the data. The Tuberculosis Program collects information on all tuberculosis cases occurring in New Jersey through their monitoring and surveillance activities. Incidence data on syphilis and gonorrhea are collected by the Sexually Transmitted Disease Program. AIDS and ARC cases are reported to the AIDS Surveillance Program within the Division of Alcohol, Narcotic and Drug Abuse Control. Data on other Communicable Diseases are reported to the Communicable Diseases Program within the Division of Epidemiology and Disease Control. Requests for details and specific information regarding each disease should be addressed to the appropriate program.

COMMUNICABLE DISEASES

Statistical Overview

The population used for computing rates in this report represents the estimated population residing in the state, its 21 counties and 562 municipalities as of July 1, 1986. These estimates are obtained from the Office of Demographic and Economic Analysis, Division of Planning and Research in the Department of Labor.

The age and sex-specific rates for syphilis, gonorrhea and hepatitis presented in this report were computed thusly. The number of deaths in a disease category for a specific age and/or sex group was divided by the state's estimated population of persons in the same age and/or sex group. The results are presented as rates per 100,000 estimated population for each age and sex group.

Tuberculosis

In 1953 there were 4,189 diagnosed cases of tuberculosis or 79.9 cases per 100,000 population. By 1980 newly diagnosed cases had dropped to 980 or nearly 13.3 per 100,000 population. This long term, substantial decline in the number of new cases slowed in 1981 when 1,028 cases were recorded yielding a rate of 13.9 cases per 100,000 population. From 1982 to 1984 small increases in the number of cases were reported each year. In 1985 the number of cases dropped to 839 from 935 in 1984, a 10.3 percent decrease. The 1985 rate of 11.1 per 100,000 population was the lowest ever. However, in 1986 the number of cases rose to 984. The rate per 100,000 population was 12.4. The annual number of deaths attributed to tuberculosis has followed a similar pattern dropping from 693 deaths in 1953 to 62 deaths in 1985. The mortality rate per 100,000 population dropped from the 1953 level of 13.2 to less than one death (0.8) per 100,000 in 1985. However, in 1986 the number of deaths increased to 78 with the rate reaching 1.0 per 100,000.

In 1983 there were 809 clinically active and verified cases of tuberculosis in the New Jersey population. This level dropped in 1984 to 790 and dropped again in 1985 to 545. This fluctuation continued in 1986 when the number of cases climbed by almost a third (32.8%) to 724. From an active rate of 10.9 per 100,000 population in 1983, the rate of active cases dropped to 10.5 statewide in 1984, then down to 7.2 in 1985 before rising to 9.2 in 1986. Among the larger cities in New Jersey, tuberculosis morbidity rates were highest for Patterson (38.1), Newark (37.6), Jersey City (33.9), and Elizabeth (33.8).

While decreases over the past few years have occurred in the number of clinically active cases across the state, at the county level there have been both increases and decreases. From 1985 to 1986 the situation changed significantly with decreases occurring in six counties and increases in fourteen counties. The most notable increases were recorded in Hudson County (12.2 to 20.1), Passaic County (11.3 to 18.0), Union County (8.5 to 13.9), Cumberland County (2.2 to 8.1) and Mercer County (3.1 to 9.9). Significant decreases occurred in Atlantic County (12.7 to 10.7) and Sussex County (5.0 to 3.3).

Venereal Disease

During the last twenty years the number of syphilis cases among residents of New Jersey has decreased dramatically. In 1963 there were 5,613 reported cases of syphilis compared with 2,636 cases in 1972. In 1982 the reported cases decreased to 1,930. In 1983, however, the number of cases rose to 2,088 - an increase of 8.2%. A further decrease of 82 cases occurred in 1984, but the number of cases of syphilis rose to 2,284 in 1985. This striking decrease between 1963 and 1972 was basically a reflection of improved methods of tabulation that resulted in the elimination of duplicate cases. Between 1972 and 1984 a modified reporting system was employed. In 1984 2,006 cases were reported, a decline of 23.9 percent from 1972. The 1985 total of 2,284 cases represents the second sizable increase since 1963. However, in 1986 cases decreased by 12.7% to 1,993. The rate of 26.2 cases per 100,000 population still falls below the 1972 rate of 36.0. The number of primary and secondary cases dropped from 942 in 1972 to 672 in 1986, with a corresponding drop in the morbidity rate from 12.9 to 8.8 cases per 100,000. The number of cases diagnosed as early latent syphilis decreased 9.9 percent during the same period; the rate dropped from 8.3 to 7.2 per 100,000. The 1986 total of 1,993 cases of syphilis included 672 primary and secondary cases and 551 early latent cases.

In contrast to the decline in the number of syphilis cases, the prevalence of gonorrhea has continued to climb during the period under study. The number of gonorrhea cases increased from 3,968 cases in 1963 to 18,837 cases in 1977, nearly a fivefold increase. By 1981 a high of 22,998 cases were reported with the morbidity rate quintupling from 61.0 in 1963 to 310.5 cases per 100,000 population in 1981. Since 1981 the number of cases has steadily decreased, along with the rates. In 1986 there were 19,612 cases or 257.4 per 100,000. Of the total cases of gonorrhea reported, the military accounted for 534 reported cases in 1977. The occurrence of gonorrhea among servicemen had dropped to a low of 153 cases in 1985 but increased to 231 cases in 1986.

Hepatitis

The number of reported cases of infectious hepatitis type A decreased slightly in 1986. There were 383 cases with a rate of 5.0 per 100,000 persons in 1986, as compared to 397 cases and a rate of 5.2 in 1985. Serum hepatitis (B) cases declined by 22.6% in 1986 to 630, and the rate was 8.3. In 1985 the rate was 10.8 with 814 cases. Approximately 59 percent fewer cases of unspecified hepatitis were reported in 1986. The rate of infection dropped from 1.2 in 1985 to 0.8 per 100,000 persons in 1986. Hepatitis incidence is higher for men than for women for all types of hepatitis. In 1986 there were 6.3 cases of infectious hepatitis per 100,000 men versus 3.9 cases for every 100,000 women. The male rate for serum hepatitis was 10.8; for females the rate was 5.9. A total of 36 cases of hepatitis (unspecified) were reported among men (1.0 per 100,000), but only 22 cases among women (0.6 per 100,000). Among both men and women there were 137 cases of infectious hepatitis in the age group 20-29 years and 83 cases in the age group 30-39 years. The highest incidence of serum hepatitis was reported among persons aged 30-39 (156 cases). The next highest incidence occurred among those aged 25-29 (148 cases). The corresponding incidence rates for the two age groups were 13.0 and 23.3, respectively. The year 1983 brought with it a change in the reporting of hepatitis. A new category, type non-A and non-B, was added. For type non-A, non-B hepatitis a decline occurred in 1986. The incidence rate dropped to 0.8 per 100,000 persons (63 cases) from 1.3 per 100,000 persons in 1985 (101 cases).

Other Notifiable Diseases

As required by law the occurrence of contagious diseases must be reported to the Department of Health. These diseases include mumps, measles (rubeola), German measles (rubella), typhoid fever, malaria, aseptic meningitis, and a host of other communicable diseases. In both 1985 and 1986 the magnitude of these disease conditions showed marked declines, while a few notable increases occurred.

The number of cases of measles (rubeola) increased from 30 in 1985 to 881 in 1986. The number of cases of measles, typically fluctuates widely from year to year. In 1976, for example, 690 cases were observed while in 1974 there were 5,693 cases. About a decade ago the number of cases of rubella was 1,483 in 1976. In 1986 only 4 cases of rubella were reported. Salmonellosis cases (excluding typhoid fever) rose slightly in 1986; there were 2,567 cases reported versus 2,354 cases in 1985. There were 495 cases of shigellosis (bacillary dysentery) in 1985 and 375 cases in 1986. Most shigellosis cases occurred in the counties of Essex (69), Passaic (65), and Middlesex (53).

The number of cases of mumps decreased to 51 in 1986 from 57 in 1985. The highest number of cases reported in 1986 occurred in Bergen and Gloucester counties (6 cases each). Other diseases reported were: amebiasis, 84 cases, of which 40 cases were reported in Cape May County; aseptic meningitis, 280 cases; legionnellosis, 30 cases; malaria, 36 cases; meningococcal infections, 77 cases; pertussis, 20 cases; tetanus, 4 cases; tularemia, 2 cases; typhoid fever, 11 cases; typhus fever, 2 cases; toxic shock syndrome, 28 cases; and encephalitis (Other Primary Infections), 11 cases.

Acquired Immunodeficiency Syndrome (AIDS)

The era lauded for its control of major infectious diseases was interrupted decisively in 1981 by the identification of a new and deadly contagious illness, Acquired Immunodeficiency Syndrome (AIDS). In the late 1970's the first human retrovirus was isolated and labelled human T-lymphotropic virus type I (HTLV-I). By 1984 human retroviruses that are known to cause AIDS were isolated and labeled human immunodeficiency virus, HIV-I and HIV-II. As reasearch continues, still more of these kinds of viruses are being identified. The AIDS viruses appear to be transmitted through one or more of four routes: sexual contact, intravenous drug use with contaminated needles, the administration of blood and blood products, and the passage of the virus from infected mothers to their newborns. In New Jersey a high proportion of AIDS cases are found among drug abusers who have shared needles presumably contaminated with infectious blood.

The first cases of AIDS were reported in Los Angeles in mid-1981 among five young homosexual men who were diagnosed originally with Pneumocystis carinii pneumonia, a disease commonly found in AIDS patients. Almost concurrently the first case of AIDS in New Jersey appeared in October, 1981. Subsequently, the number of cases in New Jersey and the United States has continued to increase rapidly producing considerable morbidity and mortality. Diagnoses of AIDS made retroactively continually increase its prevalence for the early years. Retroactive diagnosis produced a case of AIDS in New Jersey in July, 1980; that case was followed by two additional cases later in the year. At the present time AIDS is a uniformly fatal disease.

New Jersey's AIDS Surveillance Program within the newly formed AIDS Division compiles data on AIDS cases in New Jersey. The program has adopted the surveillance case definition used by the Centers for Disease Control (CDC). A reliably diagnosed disease must be present that is at least moderately indicative of an underlying cellular immunodeficiency in a person who has had no known underlying cause of cellular immunodeficiency, nor any other cause of reduced resistance reported to be associated with at least one of the opportunistic diseases present. This case definition reflects the rudimentary understanding of the virology, immunology, treatment and prevention of AIDS. Uncertainty exists about the definitive clinical indicators of the disease. No serological evidence is included in the definition. The definiton also excludes cases of AIDS-related complex (ARC), although as tests on the presence of HIV become more widely applied, the ARC designation will no longer be needed. Future refinement of the case definition of AIDS will alter the current incidence and prevalence rates in the population. The currently reported cases of AIDS represent only a portion of its infection in the population.

Table A shows the most currently available data released by New Jersey's AIDS Surveillance Program on diagnosed cases and deaths of AIDS in New Jersey for 1985 and for 1986. These data reveal the increasing rate of AIDS cases and deaths that is occurring in New Jersey. The number of diagnosed cases for 1986 is approximately 57 percent higher than for the previous year. The rate of death is high and persons with diagnosed cases do not survive for long. Already 59 percent of all cases diagnosed in New Jersey have ended in death.

TABLE A
AIDS CASES AND DEATHS IN NEW JERSEY, 1985-1986

	Diagnosed	Deaths
1985	687	363
1986	1,079	653

Data in Table B have been reported by the Center for Disease Control. This table shows the total number of active AIDS cases identified nationally and the eight highest ranking states. As of December 22, 1986, 13,270 active cases of AIDS had been reported to the CDC from 50 States and the District of Columbia. The largest number of cases were reported by New York State, approximately one-third of all AIDS cases reported nationally. California had the second highest number of AIDS cases, and Texas had the third highest. Florida had the fourth highest. New Jersey ranked fifth with 799 cases or 6.0% of the AIDS cases reported throughout the country.

TABLE B
ACTIVE AIDS CASES REPORTED TO CDC
BY STATE OF RESIDENCE - AS OF DECEMBER 22, 1986

State of Residence	Number of Cases	Percent
New York	3,785	28.6
California	2,799	21.1
Texas	997	7.5
Florida	851	6.4
New Jersey	799	6.0
Illinois	364	2.7
Pennsylvania	307	2.3
Georgia	302	2.3
Remainder of U.S.	3,066	23.1
Total	13,270	100.0

Table 8 presents diagnosed AIDS cases and deaths in New Jersey by county of residence for both 1985 and 1986. The geographical distribution of cases is important for organizing health and social services and for identifying critical areas of exposure and contact. For both 1985 and 1986 AIDS cases were most prevalent in four (4) northeastern counties of the state: Hudson County with rates of 26.4 and 41.0 per 100,000 population for 1985 and 1986, respectively; Essex County with rates of 24.4 and 38.0; Passaic County whose rates were 13.9 and 19.1; and Union County with rates of 10.1 and 15.1 per 100,000 population. These four counties with some of the most populous areas in the state are where 66% of all AIDS cases reside. Death rates for AIDS were correspondingly the highest among these counties

The distribution of AIDS cases by sex and race shown in Table 9 did not change substantially in 1986 from the 1985 figures. There has been an increase in the proportion of women with AIDS, as well as an increase in those who are Hispanic. Approximately 80% of the diagnosed cases of AIDS in New Jersey occur among men. The CDC reports that nationally over 93% of AIDS cases are in men. Almost one-half of all AIDS cases in New Jersey occur among Blacks, while nationally 25% of all cases are Black. Nationally 60% of AIDS cases occur in Whites, while Whites in New Jersey constituted 37% of the AIDS population in 1986. In 1985 the highest percentage of AIDS cases appeared in Black males. In 1986 the highest percentages of AIDS cases existed almost equally in both white and black males (32.1% and 34.1% respectively). Less than 15% of the diagnosed AIDS cases occurred among Hispanics for both years.

Table 9 also shows AIDS deaths in New Jersey by both sex and race for 1985 and 1986. The distribution of AIDS deaths is similar to the distribution shown for diagnosed AIDS cases. From 1985 to 1986 the percentages of total AIDS deaths decreased among white men and increased among white women. Over 80% of all AIDS deaths occurred in men. More Blacks died than Whites during both years. In fact, the highest percentages of AIDS deaths for all race and sex groups occurred among Black males for 1985 and for 1986 (41% and 36% respectively). In 1985 50.4% of the deaths occurred in Blacks, 40.2% in Whites, 9.1% in Hispanics and less than 1% in other racial groups. In 1986, 47.8% of all AIDS deaths were among Blacks, 37.1% among Whites, 14.7% among Hispanics, and 0.5% occurred among other racial groups. The CDC reported the mean age of AIDS patients diagnosed before 1984 as 36.3 years. Thus there will be a sizable decrease in life expectancy, or sizable "years of potential life lost", for those groups most affected by AIDS.

The figures for AIDS cases and deaths shown in these tables underestimate case morbidity and mortality. Other persons may be infected with the HIV viruses or be experiencing the signs and symptoms of AIDS but not have identified themselves to the AIDS case surveillance unit. The long incubation period between infection with the retrovirus and diagnosis will lead to consistently underestimating the disease's prevalence on the population. A planned review of death certificates may reveal additional deaths due to AIDS that were not considered to be AIDS at the time of death.

TABLE-1

TUBERCULOSIS CASES AND DEATHS, NUMBERS AND RATES PER 100,000 ESTIMATED POPULATION: 1962-1986

	ALL CASES		DEATHS	
YEAR	Number	Rate	Number	Rate
1962	2,769	43.5	326	5.1
1963	2,867	44.1	364	5.6
1964	2,970	44.9	307	4.6
1965	2,705	40.3	293	4.4
1966	2,567	37.6	297	4.4
1967	2,493	35.0	261	3.8
1968	2,271	32.4	255	3.6
1969	2,015	28.4	214	3.0
1970	2,013	28.0	245	3.4
1971	2,118	29.2	217	3.0
1972	1,162	23.1	166	2.3
1973	1,531	20.8	184	2.5
1974	1,474	19.9	161	2.2
1975	1,362	18.5	122	1.7
1976	1,317	17.9	112	1.5
1977	1,351	18.4	104	1.4
1978	1,105	15.1	104	1.4
1979	1,008	13.7	74	1.0
1980	980	13.3	65	0.9
1981	1,028	13.9	55	0.7
1982	884	11.9	53	0.7
1983	891	11.9	56	0.7
1984	935	12.4	70	0.9
1985	839	11.1	62	0.8
1986	948	12.4	78	1.0

TABLE-2

NEW JERSEY
TUBERCULOSIS MORBIDITY AND MORTALITY
RATES PER 100,000 POPULATION
1986

Place of Residence	VERIFIED CASES Number	VERIFIED CASES Rate	ALL CASES Number	ALL CASES Rate	DEATHS Number	DEATHS Rate
STATE TOTAL	724	9.5	948	12.4	78	1.0
ATLANTIC COUNTY	22	10.7	29	14.1	7	3.4
Atlantic City	11	30.4	16	44.2	4	11.0
BERGEN COUNTY	42	5.0	49	5.9	7	0.8
BURLINGTON COUNTY	10	2.6	11	2.9	1	0.3
CAMDEN COUNTY	18	3.7	23	4.7	0	0.0
Camden City	6	7.2	8	9.6	0	0.0
Cherry Hill Twp.	3	4.1	3	4.1	0	0.0
Gloucester Twp.	0	0.0	0	0.0	0	0.0
CAPE MAY COUNTY	11	11.9	11	11.9	2	2.2
CUMBERLAND COUNTY	11	8.1	11	8.1	1	0.7
Vineland City	8	14.8	8	14.8	0	0.0
ESSEX COUNTY	163	19.3	176	20.9	19	2.3
Bloomfield	1	2.1	1	2.1	0	0.0
East Orange	17	21.9	18	23.2	2	2.6
Irvington	12	19.2	13	20.8	1	1.6
Newark	119	37.6	129	40.8	14	4.4
GLOUCESTER COUNTY	5	2.4	5	2.4	1	0.5
HUDSON COUNTY	111	20.1	165	29.9	11	2.0
Bayonne	6	9.6	10	16.0	0	0.0
Hoboken	6	14.5	8	19.3	0	0.0
Jersey City	74	33.9	110	50.3	9	4.1
North Bergen Twp.	5	10.6	9	19.0	2	4.2
Union City	6	10.7	9	16.1	0	0.0
HUNTERDON COUNTY	5	5.2	7	7.3	0	0.0
MERCER COUNTY	32	9.9	34	10.5	0	0.0
Hamilton Twp.	0	0.0	0	0.0	0	0.0
Trenton	29	31.6	31	33.8	0	0.0
MIDDLESEX COUNTY	38	6.0	113	17.8	3	0.5
Edison Twp.	5	6.1	13	15.9	0	0.0
New Brunswick	4	10.0	11	27.6	0	0.0
Old Bridge Twp.	0	0.0	1	1.8	0	0.0
Piscataway Twp.	0	0.0	7	16.0	0	0.0
Woodbridge Twp.	2	2.1	11	11.8	1	1.1
MONMOUTH COUNTY	27	5.0	35	6.5	7	1.3
Middletown Twp.	0	0.0	0	0.0	0	0.0
MORRIS COUNTY	8	1.9	10	2.4	2	0.5
Parsippany-Troy Hills	2	4.1	3	6.1	0	0.0
OCEAN COUNTY	23	5.8	24	6.1	3	0.8
Brick Twp.	3	4.9	3	4.9	0	0.0
Dover Twp.	6	8.4	6	8.4	0	0.0
PASSAIC COUNTY	83	18.0	115	24.9	3	0.7
Clifton	7	9.1	9	11.8	1	1.3
Passaic City	16	29.7	23	42.6	0	0.0
Paterson	53	38.0	73	52.3	2	1.4
Wayne Twp.	2	4.0	3	6.1	0	0.0
SALEM COUNTY	4	6.1	5	7.6	0	0.0
SOMERSET COUNTY	8	3.7	9	4.2	2	0.9
SUSSEX COUNTY	4	3.3	6	4.9	0	0.0
UNION COUNTY	70	13.9	80	15.9	9	1.8
Elizabeth	36	33.8	40	37.5	1	0.9
Plainfield	6	13.0	8	17.4	0	0.0
Union Twp.	6	11.8	6	11.8	2	3.9
WARREN COUNTY	1	1.2	1	1.2	0	0.0
STATE INSTITUTIONS	28		29		0	
MILITARY POSTS	0		0		0	

NOTE: Rates not computed for State Institutions and Military Posts due to lack of population base.

TABLE-3

RESIDENT CASES OF SYPHILIS BY STAGE AND GONORRHEA
NUMBER AND RATES PER 100,000 POPULATION
NEW JERSEY: 1967-1986

		Syphilis							
	Population	Total Cases [2]		Primary and Secondary		Early Latent		Gonorrhea	
Year	Estimates	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1967	6,917,450	3,829	55.4	600	8.7	408	5.9	6,173	89.2
1968	7,012,750	2,935	41.9	457	6.5	291	4.1	8,098	115.5
1969	7,103,310	4,111	57.9	622	8.8	444	6.2	8,410	118.4
1970	7,192,805	5,078	70.6	891	12.4	568	7.9	9,751	135.6
1971	7,261,440	6,029	83.0	945	13.0	605	8.3	11,480	158.1
1972 [1]	7,322,685	2,636	36.0	942	12.9	608	8.3	16,658	227.5
1973	7,368,675	2,895	39.3	1,009	13.7	678	9.2	16,206	219.9
1974	7,397,190	2,634	35.6	836	11.3	622	8.4	15,294	206.8
1975	7,349,597	2,410	32.8	758	10.3	661	9.0	17,261	234.9
1976	7,358,096	2,180	29.6	556	7.6	587	8.0	17,708	240.7
1977	7,358,564	1,899	25.8	374	5.1	430	5.8	18,837	256.0
1978	7,315,533	1,804	24.7	357	4.9	395	5.4	20,221	276.4
1979	7,331,938	1,934	26.4	481	6.6	467	6.4	19,548	266.6
1980	7,365,011	2,314	31.4	449	6.1	392	5.3	21,018	285.4
1981	7,407,643	2,096	28.3	606	8.2	500	6.7	22,998	310.5
1982	7,426,952	1,930	26.0	663	8.9	520	7.0	22,665	305.2
1983	7,467,973	2,088	28.0	823	11.0	578	7.7	22,075	295.6
1984	7,511,320	2,006	26.7	678	9.0	572	7.6	20,351	270.9
1985	7,560,997	2,284	30.2	760	10.1	548	7.2	19,751	261.2
1986	7,619,670	1,993	26.2	672	8.8	551	7.2	19,612	257.4

1) The sharp decrease in new cases of syphilis in 1972 reflects improved tabulation of data eliminating cases previously recorded in New Jersey or other states.

2) Total Cases includes Late and Late Latent, and Congenital Syphilis.

TABLE-4

NEW JERSEY
RESIDENT CASES OF SYPHILIS BY STAGE, AND GONORRHEA
RATES PER 100,000 ESTIMATED POPULATION
1986

	SYPHILIS									
	TOTAL CASES*		PRIMARY AND SECONDARY		EARLY LATENT		LATE AND LATE LATENT		GONORRHEA	
PLACE OF RESIDENCE	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	1,993	26.2	672	8.8	551	7.2	760	10.0	19,612	257.4
ATLANTIC COUNTY	142	68.8	44	21.3	45	21.8	53	25.7	607	294.2
Atlantic City	108	298.2	34	93.9	36	99.4	38	104.9	368	1,016.0
BERGEN COUNTY	84	10.0	21	2.5	23	2.7	38	4.5	582	69.5
BURLINGTON COUNTY	20	5.2	7	1.8	8	2.1	5	1.3	327	85.5
CAMDEN COUNTY	116	23.5	18	3.7	40	8.1	57	11.6	1,073	217.7
Camden City	76	91.3	10	12.0	25	30.0	40	48.0	828	994.4
Cherry Hill Twp.	5	6.9			1	1.4	4	5.5	26	35.8
Gloucester Twp.									21	41.7
CAPE MAY COUNTY	7	7.6	1	1.1	1	1.1	5	5.4	112	121.5
CUMBERLAND COUNTY	107	78.4	39	28.6	45	33.0	23	16.9	557	408.2
Vineland City	56	103.7	16	29.6	29	53.7	11	20.4	242	448.3
ESSEX COUNTY	463	54.9	235	27.8	133	15.8	92	10.9	7,146	846.8
Bloomfield	1	2.1	1	2.1					17	35.6
East Orange	64	82.5	27	34.8	17	21.9	19	24.5	1,098	1,415.3
Irvington	33	52.8	13	20.8	14	22.4	6	9.6	519	830.8
Newark	340	107.5	181	57.2	95	30.0	62	19.6	5,123	1,619.4
GLOUCESTER COUNTY	20	9.5	3	1.4	3	1.4	14	6.6	163	77.4
HUDSON COUNTY	281	50.9	102	18.5	43	7.8	135	24.5	1,693	306.8
Bayonne	12	19.1	7	11.2			5	8.0	25	39.9
Hoboken	10	24.2	4	9.7			6	14.5	31	74.9
Jersey City	172	78.7	70	32.0	35	16.0	66	30.2	1,521	695.9
North Bergen Twp.	7	14.8	3	6.3			4	8.4	16	33.8
Union City	35	62.7	6	10.7	4	7.2	25	44.8	49	87.8
HUNTERDON COUNTY	3	3.1					3	3.1	22	22.8
MERCER COUNTY	100	31.0	22	6.8	43	13.3	34	10.5	2,260	700.8
Hamilton Twp.	3	3.4	1	1.1	2	2.3			60	68.7
Trenton	93	101.4	20	21.8	40	43.6	32	34.9	2,088	2,275.8
MIDDLESEX COUNTY	88	13.8	26	4.1	16	2.5	45	7.1	760	119.5
Edison Twp.	3	3.7	2	2.4			1	1.2	31	37.8
New Brunswick	24	60.2	5	12.5	6	15.1	13	32.6	441	1,106.4
Old Bridge Twp.									3	5.4
Piscataway Twp.	5	11.4	4	9.1	1	2.3			69	157.4
Woodbridge Twp.	7	7.5					7	7.5	16	17.2
MONMOUTH COUNTY	84	15.5	35	6.5	22	4.1	27	5.0	627	115.6
Middletown Twp.	1	1.4					1	1.4	9	13.0
MORRIS COUNTY	12	2.9	3	0.7	3	0.7	6	1.4	239	57.1
Parsippany-Troy Hills	3	6.1			2	4.1	1	2.0	13	26.4
OCEAN COUNTY	13	3.3	1	0.3	6	1.5	6	1.5	158	40.1
Brick Twp.	2	3.3			1	1.6	1	1.6	4	6.6
Dover Twp.	3	4.2			1	1.4	2	2.8	29	40.6
PASSAIC COUNTY	257	55.7	71	15.4	73	15.8	111	24.1	1,561	338.2
Clifton	11	14.4	6	7.8	1	1.3	3	3.9	28	36.6
Passaic City	66	122.3	20	37.1	20	37.1	26	48.2	175	324.3
Paterson	170	121.9	41	29.4	49	35.1	79	56.6	1,322	948.0
Wayne Twp.	2	4.0	2	4.0					10	20.2
SALEM COUNTY	5	7.6	1	1.5	1	1.5	3	4.6	114	174.2
SOMERSET COUNTY	17	7.9	1	0.5	7	3.3	9	4.2	192	89.2
SUSSEX COUNTY	2	1.6					2	1.6	31	25.2
UNION COUNTY	138	27.3	39	7.7	30	5.9	69	13.7	1,107	219.4
Elizabeth	74	69.4	17	15.9	14	13.1	43	40.3	288	270.0
Plainfield	28	60.7	15	32.5	4	8.7	9	19.5	530	1,149.8
Union Twp.	2	3.9			1	2.0	1	2.0	51	100.2
WARREN COUNTY	2	2.3					2	2.3	40	46.2
STATE INSTITUTIONS	20		2		4		14		10	
MILITARY POSTS	13		1		3		7		231	

* Total cases includes 10 Congential Syphilis Cases.
Rates not computed for State Institutions and Military Posts due to lack of a population base.

TABLE-5

NEW JERSEY
SYPHILIS BY STAGE AND GONORRHEA BY AGE AND SEX
RATES PER 100,000 POPULATION
1986

	SYPHILIS CASES											
	Total		PRIMARY AND SECONDARY		EARLY LATENT		LATE AND LATE LATENT		CONGENITAL		GONORRHEA	
Age and Sex	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
TOTAL	1,980	26.0	671	8.8	546	7.2	753	9.9	10	0.1	19,381	254.4
Under 5	9	1.8							9	1.8	19	3.8
5-9											19	4.0
10-14	5	1.0	2	0.4	2	0.4	1	0.2			198	37.7
15-19	175	30.3	66	11.4	80	13.9	29	5.0			4,617	800.2
20-24	468	76.0	192	31.2	168	27.3	108	17.5			6,016	977.3
25-29	467	73.6	182	28.7	134	21.1	150	23.6	1	0.2	3,738	589.2
30-34	303	48.3	91	14.5	74	11.8	138	22.0			1,711	272.8
35-39	176	30.5	50	8.7	42	7.3	84	14.5			805	139.4
40-44	86	17.1	32	6.4	13	2.6	41	8.1			359	71.3
45-59	153	12.6	45	3.7	26	2.1	82	6.7			393	32.3
60 and over	124	9.1	11	0.8	6	0.4	107	7.8			54	4.0
Unstated	14				1		13				1,452	
Male	1,138	31.1	384	10.5	302	8.3	448	12.3	4	0.1	12,420	339.9
Female	842	21.2	287	7.2	244	6.2	305	7.7	6	0.2	6,961	175.5

TABLE-6

NEW JERSEY
ANNUAL SUMMARY OF NOTIFIABLE DISEASES BY COUNTY OF USUAL RESIDENCE
1986

COUNTIES	Amebiasis	Aseptic Meningitis	HEPATITIS				Legionellosis	Malaria	Measles (Rubeola)	MENINGOCOCCAL INFECTIONS			Mumps	Pertussis (Whooping Cough)	Rubella (German Measles)	Salmonellosis (Excluding Typhoid Fever)	Shigellosis (Bacillary Dysentery)	Tetanus	Trichinosis	Tularemia	Typhoid Fever (Cases Only)	Typhus Fever (Rocky Mt. Spotted)	Toxic Shock Syndrome	Encephalitis (Other Primary Infections)	Encephalitis Post Other
			Type A	Type B	Type Unspecified	Type Non-A Non-B				Total	Military	Civilian													
TOTAL	84	280	383	630	58	63	30	36	881	77		77	51	20	4	2,567	375	4	3	2	11	2	28	11	1
Atlantic		10	64	46	3	1		1		3		3	1	1	1	61	4						1		
Bergen	2	24	11	36	2	3	2	5	17	6		6	6	1	1	218	23				1		1		
Burlington	2	5	42	24	1	3	2			3		3	1	4		62	3								
Camden	1	9	21	75	2	5	1	1		5		5	5	4		196	15			1	1		1	1	
Cape May	40	8	24	21						2		2	2			21	3								
Cumberland	5	7	9	24	4	5	3						1			74	5							1	
Essex	4	24	20	92	6	6	1	6	56	11		11	3	2		322	69				3		5	3	
Gloucester		11	5	17	1			2		4		4	6	1		41	5						1		
Hudson	4	8	12	33	9	4		4	573	4		4	4	1	1	251	35				1		1	1	1
Hunterdon	1	3	4	7	1	1										15	2								
Mercer	1	11	4	43	1	6	5	1					3			146	11								
Middlesex	2	15	40	45	5	5	1	6	4	7		7	1			260	53	1				1	7		
Monmouth		44	19	38	3	7	9	2	2	4		4	2			198	9	1	2		3	1	1	2	
Morris	7	21	11	24	3	6		2		8		8	4	2		82	9	1					2	1	
Ocean		12	57	25	7	5	1		1	2		2	2	1		151	5		1	1			1		
Passaic		13	20	42	1	3		1	201	8		8	4	2		154	65						1		
Salem		3	2	5	1					1		1	1			21		1					1		
Somerset	3	11	6	13	2	1	3	3	3				3			45	8						3		
Sussex		11	1	2	1				1				1	1		44	3							2	
Union	2	24	10	18	5	2	2	2	5	8		8				134	33				2		1		
Warren		6	1						1	1		1	1		1	23							1		
Unknown	10								17							48	15								

NOTE: There were no cases of Brucellosis, Diptheria or Encephalitis (Arthroped Borne and Post Chicken Pox).

TABLE-7

NEW JERSEY
RESIDENT HEPATITIS CASES BY AGE, BY SEX, NUMBERS, AND RATES PER 100,000 ESTIMATED POPULATION
1986

	INFECTIOUS (TYPE A)						SERUM (TYPE B)						UNSPECIFIED						TYPE NON-A, NON-B					
	TOTAL		MALE		FEMALE		TOTAL		MALE		FEMALE		TOTAL		MALE		FEMALE		TOTAL		MALE		FEMALE	
AGE GROUP	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
ALL AGES	383	5.0	230	6.3	153	3.9	630	8.3	396	10.8	234	5.9	58	0.8	36	1.0	22	0.6	63	0.8	35	1.0	28	0.7
Under 5	13	2.6	7	2.7	6	2.5	3	0.6	1	0.4	2	0.8	1	0.2	1	0.4			1	0.2	1	0.4		
5-9	16	3.3	6	2.5	10	4.3													1	0.2	1	0.4		
10-14	17	3.2	13	4.8	4	1.6	7	1.3	3	1.1	4	1.6												
15-19	19	3.3	14	4.8	5	1.8	51	8.8	22	7.5	29	10.2	5	0.9	4	1.4	1	0.4	2	0.3	1	0.3	1	0.4
20-24	70	11.4	50	16.4	20	6.4	136	22.1	76	25.0	60	19.3	6	1.0	5	1.6	1	0.3	9	1.5	6	2.0	3	1.0
25-29	67	10.6	39	12.4	28	8.7	148	23.3	96	30.5	52	16.2	15	2.4	11	3.5	4	1.2	8	1.3	3	1.0	5	1.6
30-39	83	6.9	49	8.3	34	5.5	156	13.0	113	19.1	43	7.0	15	1.2	10	1.7	5	0.8	13	1.1	9	1.5	4	0.7
40-49	30	3.2	18	4.0	12	2.5	60	6.4	44	9.8	16	3.3	5	0.5	2	0.4	3	0.6	8	0.9	3	0.7	5	1.0
50-59	26	3.3	15	4.0	11	2.7	29	3.7	20	5.3	9	2.2	3	0.4			3	0.7	3	0.4	2	0.5	1	0.2
60+	39	2.9	16	2.9	23	2.9	33	2.4	19	3.4	14	1.7	7	0.5	3	0.5	4	0.5	17	1.2	8	1.4	9	1.1
Unstated	3		3			7		2		5		1				1		1		1				

TABLE-8

NEW JERSEY
AIDS CASES AND DEATHS BY COUNTY OF RESIDENCE
1985-1986 NUMBERS AND RATES PER 100,000 POPULATION

	DIAGNOSED CASES				DEATHS			
COUNTY	1985	Rate	1986	Rate	1985	Rate	1986	Rate
Atlantic County	8	3.9	15	7.3	2	1.0	11	5.3
Bergen County	49	5.8	60	7.2	26	3.1	41	4.9
Burlington County	10	2.6	8	2.1	5	1.3	10	2.6
Camden County	13	2.7	32	6.5	7	1.4	16	3.2
Cape May County								
Cumberland County	5	3.7			3	2.2		
Essex County	206	24.4	321	38.0	101	12.0	197	23.3
Gloucester County	2	1.0	10	4.7	1	0.5	7	3.3
Hudson County	147	26.4	226	41.0	63	11.3	111	20.1
Hunterdon County	6	6.4	6	6.2				
Mercer County	15	4.7	13	4.0	11	3.5	9	2.8
Middlesex County	27	4.3	55	8.6	17	2.7	43	6.8
Monmouth County	21	4.0	33	6.1	5	0.9	18	3.3
Morris County	10	2.4	23	5.5	8	1.9	15	3.6
Ocean County	11	2.9	20	5.1	8	2.1	11	2.8
Passaic County	64	13.9	88	19.1	43	9.4	60	13.0
Salem County								
Somerset County	1	0.5	18	8.4	6	2.8		
Sussex County								
Union County	51	10.1	76	15.1	23	4.5	47	9.3
Warren County	2	2.3			2	2.3		
Unknown	40		59		27		42	
Total	687	9.1	1,079	14.2	363	4.8	653	8.6

NOTE: Number of cases under 5 not shown in county totals but are included in the state total.

TABLE-9

DIAGNOSED AIDS CASES AND DEATHS IN NEW JERSEY BY SEX AND RACE

DIAGNOSED CASES

	1985						1986					
	MALE		FEMALE		TOTAL		MALE		FEMALE		TOTAL	
	No.	% of Total	No.	% of Total	No.	% of Total	No.	% of Total	No.	% of Total	No.	% of Total
WHITE	236	34.4	29	4.2	265	38.6	346	32.1	51	4.7	397	36.8
BLACK	253	36.8	85	12.4	338	49.2	368	34.1	154	14.3	522	48.4
HISPANIC	63	9.2	18	2.6	81	11.8	136	12.6	19	1.8	155	14.4
OTHER	1	0.2	1	0.2	2	0.3	0	0.0	1	0.2	1	0.2
TOTAL	554	80.6	133	19.4	687	100.0	854	79.1	225	20.9	1,079	100.00

DEATHS

	1985						1986					
	MALE		FEMALE		TOTAL		MALE		FEMALE		TOTAL	
	No.	% of Total	No.	% of Total	No.	% of Total	No.	% of Total	No.	% of Total	No.	% of Total
WHITE	132	36.4	14	3.9	146	40.2	214	32.8	28	4.3	242	37.1
BLACK	148	40.8	35	9.6	183	50.4	233	35.7	79	12.1	312	47.8
HISPANIC	28	7.7	5	1.4	33	9.1	82	12.6	14	2.1	96	14.7
OTHER	1	0.3	0		1	0.3	1	0.2	2	0.3	3	0.5
TOTAL	309	85.1	54	14.9	363	100.0	530	81.2	123	18.8	653	100.0

Accident Reports
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TAB-J
ACCIDENTS

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INTRODUCTION

Accidental death data for New Jersey have been collected and tabulated since 1968 through the use of the New Jersey Mortality reporting system. Accidental deaths are tabulated monthly and submitted to the National Safety Council as part of their overall reporting system. Data received from all the states are combined to prepare the National Safety Council's report, Accident Facts. Before the publication of this New Jersey accident report, no published summary of accidents for New Jersey had been released to the public. A number of special tables, however, were prepared and included in the prior releases of the New Jersey Public Health Reports.

The Accidental Death report includes all deaths regardless of the victim's state of residency. Accidental deaths relating only to New Jersey as the residence of the accident victim have been included in the Mortality report. This report of accumulated deaths provides an in-depth review of accidents by five major types of accidents reported by the National Safety Council. It also includes another grouping of accidents by their commonly referred to names and/or class, i.e., Motor Vehicles, Falls, Fires, Drowning, etc. Historical statistics have been compiled covering the period from 1972 to 1986 by subdivisions of cause and age groups. All tables are presented in aggregated form with individual identifiers removed.

STATISTICAL OVERVIEW

Total Accidental Deaths

The term "accidents" covers most deaths from violent occurrences. Deaths from homicides and suicides, however, are excluded as are deaths for which none of these categories apply and deaths in war operations.

Total accidental deaths in New Jersey regardless of the residence of the victim, increased in 1986 from the 1985 level of 2,294 to 2,353. This represents an increase of 2.6% over the year. Most of this increase can be accounted for by 104 additional motor vehicle accidents. Total accidental deaths at the national level increased in 1986 from the 1985 level of 92,070 to 95,640. This increase nationally represents a 3.9 percent increase in total accidental deaths. Motor vehicle deaths in the nation increased from 44,930 to 48,560.

New Jersey vs. National Accident Rate

In 1986, the New Jersey accidental death rate per 100,000 state residents was 30.9 up 8.4% from 28.5 in 1985. This rate is 22.2% lower than the national rate of 39.7 per 100,000 population for the same time period. An accident death rate for all accidents occurring in the State cannot be computed because there is no known way to include the out-of-state population base.

Motor Vehicle Accidental Deaths

Motor vehicle deaths included those deaths involving mechanically or electrically powered highway transport vehicles in motion (except those on rails) both on and off the highway or street. Fatalities occurring in the State as the result of motor vehicle accidents rose in 1986 by 10.2% from the 1985 level of 1,017 to 1,121. For the nation there was an increase of 8.1%. Of the 1,121 New Jersey deaths in 1986, 383 (34.2%) were the result of a collision with other motor vehicles; 272 (24.3%) were classified as pedestrian deaths; 158 (14.1%) deaths resulted from a collision with a fixed object; 115 (10.3%) were caused by noncollision; 36 (3.2%) were listed as "injury to pedal cyclist" deaths; 3 (.3%) deaths were the result of a collision with a railroad train; and 154 (13.7%) were classified as Other and Unspecified deaths. Of all the specified classifications of motor vehicle deaths, injury with pedal cyclist increased substantially in 1986 versus 1985 with an increase of over 157% (or 22 deaths). While the drivers of motor vehicles represent the majority of the deaths that resulted in this classification, the records show that one out of every four motor vehicle accident deaths was a pedestrian.

Accidental Deaths in the Home

This category of accidents resulting in deaths includes deaths in the home and on the premises to occupants, guests, and trespassers. Also included in this category are domestic servants, but other persons working on home premises are excluded. The year 1986 recorded 473 accidental deaths in the home. This is an decrease of 12.1% from the 1985 level of 538. The ranking of New Jersey accidental deaths in the home for 1986 is as follows: The large majority, 78.9% of accidental deaths in the home, occurred from falls, fires, and poisonings.

1986 ACCIDENTAL DEATHS
IN THE HOME

Type	Number	Percent
Falls	135	28.5
Poisonings (gas excepted)	121	25.6
Fires	117	24.7
Drownings	33	7.0
Suffocation (ingested food or object)	14	3.0
Poisonings (by gases and vapors)	13	2.7
Suffocation (mechanical)	9	1.9
Firearms	2	0.4
Other and Unspecified	29	6.1
Total	473	100.0

Public Nonmotor Vehicle Deaths

Public accidents include deaths in public places or places used in a public way that do not involve motor vehicles. Most sports and recreational deaths are included in this category. Deaths in the course of employment are excluded. In 1986, there were 311 Public Nonmotor Vehicle deaths, an increase of 15.6% from the 1985 total. In New Jersey, drownings top the list with 67 (21.5%); in second place were falls with 57 (18.3%); air transport deaths followed with 20 (6.4%); and in fourth place were railroad deaths with 18 (5.8%). Falls and drownings are the areas of greatest concern in this classification of accidental deaths for they account for over one-third (39.9%) of the total.

At Work

Work related deaths are those which arise in the course of gainful employment regardless of where the accident occurs. Excluded from this category are work deaths to domestic servants and deaths occurring in connection with farm chores that are classified as home deaths. Sixty-nine (69) accidental deaths occurred in New Jersey's work settings in 1986 compared to 71 reported in 1985; this was a decrease of 2.8%. Major death rankings in the workplace in 1986 are: (1) Construction, 18 deaths (26.1%); (2) Manufacturing, 5 deaths (7.2%); (3) Agriculture, 3 deaths (4.3%). A multiple unspecified category included 36 deaths (52.2%).

Overall Deaths - In Any Location or Setting

Another perspective can be obtained on accidental deaths by combining types of deaths by cause regardless of location of the accident.

The classification of accidental deaths reported in Table 9 produced the following ranking from most to least frequent for 1986: (1) Motor Vehicles, (2) Falls, (3) Poisonings, (4) Fires, (5) Drownings, (6) Job Related, (7) Suffocations, (8) Air Transport, (9) Railroad-Not with Motor Vehicle, (10) Water Transport, and (11) Firearms. A breakdown of the causes of death by age groups is presented in this same table.

Age of Death Analyses

An analysis of accidental causes of death by age for 1986 shows that 60% of the motor vehicle accident deaths occur to persons between the ages of 15 and 44. On the other hand, 62% of the falls happen to those persons 65 years of age and over. In 1986 52% of the drownings occurred to individuals between the ages of 15 and 44. Over one-quarter (26.1%) of the deaths by suffocation were children four years of age or less (up from 9.5% in 1985); Deaths by railroad -- not with motor vehicles -- indicate that 66.7% were in the 15-44 age group. The number of deaths caused by fires were fairly evenly distributed among all age groups. However, in relation to population percentages children under 5 and adults aged 75 years and older suffered a disproportionately higher share of deaths.

The three age groups that had a higher total accidental death percentage in 1986 than in 1985 are: (a) 5-14 year olds, 4.5% vs. 3.8%; (b) 15-24 year olds, 19% vs. 18.7%; and (c) 25-44 year olds, 33.2% vs. 29% (especially because of motor vehicle fatalities).

TABLE-1

ACCIDENTAL DEATHS BY TYPE CLASSIFICATION IN ANY LOCATION OR SPECIFIC SETTING

1985-1986

Classification of Accident	1985 Number	1985 Percent	1986 Number	1986 Percent	Percent Change 1986 vs. 1985
Motor Vehicle	1,017	44.3	1,121	47.6	10.2
Falls	222	9.7	192	8.2	-13.5
Poisonings	137	6.0	134	5.7	-2.2
Fires	152	6.6	130	5.5	-14.5
Drownings	102	4.4	100	4.2	-2.0
Job Related	71	3.1	69	2.9	-2.8
Suffocation	21	0.9	23	1.0	9.5
Air Transport	25	1.1	20	0.8	-20.0
Railroad - Not with Motor Vehicle	21	0.9	18	0.8	-14.3
Water Transport	10	0.4	7	0.3	-30.0
Firearms	5	0.2	3	0.1	-40.0
Other and Unspecified	112	4.9	157	6.7	40.2
Unknown and Late Effects	399	17.4	379	16.1	-5.0
Total	2,294	100.0	2,353	100.0	2.6

TABLE-2

ACCIDENTAL DEATHS

1985-1986

Type of Accident	1985 Number	1985 Percent	1986 Number	1986 Percent	Percent Change 1986 vs. 1985
Motor Vehicle	1,017	44.3	1,121	47.6	10.2
In the Home	538	23.5	473	20.1	-12.1
Public Nonmotor Vehicle	269	11.7	311	13.2	15.6
At Work	71	3.1	69	2.9	-2.8
Unknown and Late Effects	399	17.4	379	16.1	-5.0
Total	2,294	100.0	2,353	100.0	2.6

TABLE-3

ACCIDENTAL DEATH SUMMARY, NEW JERSEY: 1973-1986

	TYPE OF ACCIDENT	1973	1974	1975	1976
	GRAND TOTAL	3,005	2,710	2,565	2,451
1	WORK PLACE TOTAL	120	108	65	79
2	Agriculture	4	3	1	1
3	Mining, Quarrying, Oil and Gas Wells	2			
4	Construction	29	20	17	17
5	Manufacturing	36	40	19	16
6	Transportation and Public Utilities	4	13	8	9
7	Trade	4	2	2	8
8	Service	5	3	2	5
9	Government	8	5	5	3
10	Other and Unspecified Industry	28	22	11	20
11	HOME TOTAL	718	726	651	568
12	Poisonings (gas excepted)	80	94	70	66
13	Poisonings by Gases and Vapors	12	28	19	17
14	Falls	344	337	304	261
15	Fires	171	163	170	145
16	Drowning	24	36	13	12
17	Suffocation, Ingested Food or Object	19	16	24	29
18	Suffocation, Mechanical	17	9	11	2
19	Firearms	13	13	13	9
20	Other and Unspecified Home Accidents	38	30	27	27
21	MOTOR-VEHICLE TOTAL	1,353	1,109	1,108	1,050
22	Injury to Pedestrian	329	316	281	284
23	Injury to Pedal Cyclist	34	22	26	23
24	Injury to Rider of Animal or Occupant of Animal-Drawn Vehicle		2		
25	Collison with Railroad Train	3	8	7	1
26	Collison with Other Motor Vehicle	531	366	394	367
27	Collison with Fixed Object	148	83	115	37
28	Noncollision	292	299	267	322
29	Other and Unspecified Accidents	16	13	18	16
30	PERSON INJURED*				
31	Driver of motor vehicle other than motorcycle	597	491	502	412
32	Passenger in M.V. other than motorcycle	327	218	253	275
33	Motorcyclist	49	44	30	43
34	Passenger on motorcycle	5	6	7	5
35	PUBLIC NONMOTOR-VEHICLE TOTAL	508	437	417	407
36	Railroad-Not with Motor Vehicle	24	19	13	18
37	Other Road Vehicle-Not with Motor Vehicle	13	5	4	3
38	Water Transport	29	29	29	27
39	Air Transport	20	16	18	21
40	Falls	144	143	159	131
41	Fires	28	6	5	4
42	Drowning	136	114	113	92
43	Firearms	4	7	3	9
44	Other and Unspecified Public Accidents	110	98	73	102
45	Accident Type Unknown and Late Effects	306	330	324	347

*PERSON INJURED-have been included in MOTOR-VEHICLE TOTAL.

TABLE-3(CONTINUED)

1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	
2,527	2,455	2,827	2,689	2,741	2,533	2,310	2,265	2,294	2,353	
67	78	94	53	84	50	74	66	71	69	1
3	1	7	1	2	1	4	1	1	3	2
						2		2		3
11	21	17	23	18	14	15	9	21	18	4
21	22	15	7	17	8	4	5	5	5	5
8	3	12	3	9	2	2	6	6	2	6
3	5	1	1		1		1	3	1	7
2	1	1	1	11	12	2	11	2	1	8
1	3	12	5	3	7	4	3	3	3	9
18	22	29	12	24	5	41	30	28	36	10
633	501	592	559	590	577	508	532	538	473	11
67	49	42	42	76	60	51	76	120	121	12
14	14	22	7	20	24	10	13	17	13	13
309	231	248	238	239	240	226	210	171	135	14
163	125	179	172	168	156	117	127	149	117	15
15	17	20	19	19	14	24	25	26	33	16
17	14	22	29	13	17	20	16	16	14	17
12	14	14	11	9	8	12	18	5	9	18
7	8	5	7	9	14	9	15	3	2	19
29	29	40	34	37	44	39	32	31	29	20
1,112	1,156	1,319	1,280	1,313	1,177	1,037	984	1,017	1,121	21
276	280	344	322	306	313	262	255	265	272	22
21	31	29	22	29	15	21	35	14	36	23
										24
7	5	4	5	11	3	2	1	3	3	25
425	467	475	457	513	445	352	340	365	383	26
37	24	46	53	46	41	23	22	89	158	27
330	334	375	372	374	326	344	273	220	115	28
16	15	46	49	34	34	33	58	61	154	29
										30
462	497	531	528	559	475	569	412	402	349	31
255	256	267	263	264	244	207	171	180	171	32
77	67	81	79	90	83	62	56	55	64	33
6	12	11	12	13	9	8	3	8	4	34
356	350	431	363	321	326	326	297	269	311	35
22	21	21	17	14	24	25	14	21	18	36
6	3	7	2	1	1	2	6	2	3	37
26	22	40	32	18	22	8	19	10	7	38
10	14	25	30	17	15	28	33	25	20	39
115	112	103	91	65	77	84	66	51	57	40
12	6	8	6	43	8	12	11	3	13	41
82	101	121	112	96	85	97	64	76	67	42
4	3	4	7	4	5	5	3	2	1	43
79	68	102	66	63	89	65	81	79	125	44
359	370	391	434	433	403	365	386	399	379	45

TABLE-4

MOTOR VEHICLE DEATHS
1985-1986

Type of Accident	1985 Number	Percent	1986 Number	Percent	Percent Change 1986 vs. 1985
Collision with other Motor Vehicle	365	35.9	383	34.2	4.9
Injury to Pedestrian	265	26.1	272	24.3	2.6
Collision with Fixed Object	89	8.8	158	14.1	77.5
Noncollision	220	21.6	115	10.3	-47.7
Injury to Pedal Cyclist	14	1.4	36	3.2	157.1
Collision with Railroad Train	3	0.3	3	0.3	0.0
Other and Unspecified	61	6.0	154	13.7	152.5
Total	1,017	100.0	1,121	100.0	10.2

TABLE-5

DEATHS IN THE HOME
1985-1986

Type of Accident	1985 Number	Percent	1986 Number	Percent	Percent Change 1986 vs. 1985
Falls	171	31.8	135	28.5	-21.1
Poisonings (Gas excepted)	120	22.3	121	25.6	0.8
Fires	149	27.7	117	24.7	-21.5
Drowning	26	4.8	33	7.0	26.9
Suffocation, ingested food or object	16	3.0	14	3.0	-12.5
Poisoning by gas and vapors	17	3.2	13	2.7	-23.5
Suffocation, mechanical	5	0.9	9	1.9	80.0
Firearms	3	0.6	2	0.4	-33.3
Other and Unspecified	31	5.8	29	6.1	-6.5
Total	538	100.0	473	100.0	-12.1

TABLE-6

PUBLIC NONMOTOR VEHICLE DEATHS
1985-1986

Type of Accident	1985 Number	1985 Percent	1986 Number	1986 Percent	Percent Change 1986 vs. 1985
Drowning	76	28.3	67	21.5	-11.8
Falls	51	19.0	57	18.3	11.8
Air Transport	25	9.3	20	6.4	-20.0
Railroad - not with Motor Vehicle	21	7.8	18	5.8	-14.3
Fires	3	1.1	13	4.2	333.3
Water Transport	10	3.7	7	2.3	-30.0
Other Road Vehicle - not with Motor Vehicle	2	0.7	3	1.0	50.0
Firearms	2	0.7	1	0.3	-50.0
Other and Unspecified	79	29.4	125	40.2	58.2
Total	269	100.0	311	100.0	15.6

TABLE-7

DEATHS AT WORK
1985-1986

Type of Accident	1985 Number	1985 Percent	1986 Number	1986 Percent	Percent Change 1986 vs. 1985
Construction	21	29.6	18	26.1	-14.3
Manufacturing	5	7.0	5	7.2	0.0
Agriculture	1	1.4	3	4.3	200.0
Government	3	4.2	3	4.3	0.0
Transportation and Public Utilities	6	8.5	2	2.9	-66.7
Trade	3	4.2	1	1.4	-66.7
Service	2	2.8	1	1.4	-50.0
Mining, Quarrying, Oil and Gas Wells	2	2.8	0		-100.0
Other and Unspecified	28	39.4	36	52.2	28.6
Total	71	100.0	69	100.0	-2.8

TABLE-8

ACCIDENTAL DEATHS BY OCCURRENCE, PERCENT BY AGE GROUP
NEW JERSEY: 1985

		AGE GROUP							
Classification of Accidents	Total	0-4	5-14	15-24	25-44	45-64	65-74	75+	Unknown
Total	2,294	66	88	429	666	393	227	422	3
	100.0	2.9	3.8	18.7	29.0	17.1	9.9	18.4	0.1
Motor Vehicle	1,017	17	42	292	297	185	97	87	
	100.0	1.7	4.1	28.7	29.2	18.2	9.5	8.6	
Falls	222	4	4	8	16	26	35	129	
	100.0	1.8	1.8	3.6	7.2	11.7	15.8	58.1	
Fires	152	20	22	16	30	25	15	24	
	100.0	13.2	14.5	10.5	19.7	16.4	9.9	15.8	
Poisonings	137		2	15	88	21	3	8	
	100.0		1.5	10.9	64.2	15.3	2.2	5.8	
Drownings	102	13	8	25	37	6	3	9	1
	100.0	12.7	7.8	24.5	36.3	5.9	2.9	8.8	1.0
Job Related	71			8	32	24	7		
	100.0			11.3	45.1	33.8	9.9		
Air Transport	25		1	3	11	8	2		
	100.0		4.0	12.0	44.0	32.0	8.0		
Suffocation	21	2	1	3	5	5	1	4	
	100.0	9.5	4.8	14.3	23.8	23.8	4.8	19.0	
Railroad - Not with Motor Vehicle	21		1	10	6	2	2		
	100.0		4.8	47.6	28.6	9.5	9.5		
Water Transport	10			5	2	1	2		
	100.0			50.0	20.0	10.0	20.0		
Firearms	5		1		2	2			
	100.0		20.0		40.0	40.0			
Other and Unspecified Home Accidents	31	1	2	1	2	11	3	11	
	100.0	3.2	6.5	3.2	6.5	35.5	9.7	35.5	
Other and Unspecified Public Accidents	81	3	3	12	23	17	9	14	
	100.0	3.7	3.7	14.8	28.4	21.0	11.1	17.3	
Accidents Type Unknown and Late Effects	399	6	1	31	115	60	48	136	2
	100.0	1.5	0.3	7.8	28.8	15.0	12.0	34.1	0.5

Note: The above totals prepared for the National Safety Council Report.

TABLE-9

ACCIDENTAL DEATHS BY OCCURRENCE, PERCENT BY AGE GROUP
NEW JERSEY: 1986

Classification of Accidents	Total	AGE GROUP							
		0-4	5-14	15-24	25-44	45-64	65-74	75+	Unknown
Total	2,353	69	105	448	781	383	209	354	4
	100.0	2.9	4.5	19.0	33.2	16.3	8.9	15.0	0.2
Motor Vehicle	1,121	20	67	308	364	177	87	98	
	100.0	1.8	6.0	27.5	32.5	15.8	7.8	8.7	
Falls	192	3	1	10	23	36	28	91	
	100.0	1.6	0.5	5.2	12.0	18.8	14.6	47.4	
Poisonings	134	1		18	87	17	5	6	
	100.0	0.7		13.4	64.9	12.7	3.7	4.5	
Fires	130	17	15	15	27	22	14	20	
	100.0	13.1	11.5	11.5	20.8	16.9	10.8	15.4	
Drownings	100	12	12	24	28	18	1	5	
	100.0	12.0	12.0	24.0	28.0	18.0	1.0	5.0	
Job Related	69			12	33	18	5	1	
	100.0			17.4	47.8	26.1	7.2	1.4	
Suffocation	23	6	1	1	7	4		4	
	100.0	26.1	4.3	4.3	30.4	17.4		17.4	
Air Transport	20			1	10	8	1		
	100.0			5.0	50.0	40.0	5.0		
Railroad-Not with Motor Vehicle	18			6	6	5			1
	100.0			33.3	33.3	27.8			5.6
Water Transport	7			2	2	3			
	100.0			28.6	28.6	42.9			
Firearms	3		1	1	1				
	100.0		33.3	33.3	33.3				
Other and Unspecified Home Accidents	29	3	1	1	2	15	1	5	1
	100.0	10.3	3.4	3.4	6.9	51.7	3.4	17.2	3.4
Other and Unspecified Public Accidents	128		2	18	50	17	18	23	
	100.0		1.6	14.1	39.1	13.3	14.1	18.0	
Accidents Type Unknown and Late Effects	379	7	5	31	141	43	49	101	2
	100.0	1.8	1.3	8.2	37.2	11.3	12.9	26.6	0.5

Note: The above totals prepared for the National Safety Council Report.

G0080

Population
1986

TAB-K

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Population
1986

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TAB-K
POPULATION

Population
1986

NATIONAL TRENDS IN POPULATION GROWTH

Past Patterns of Change

The pattern of population change by age is essentially a reflection of the fluctuation in the number of births over time, modified by changes in levels of immigration and mortality. Large fluctuations in fertility occurred during periods such as the Great Depression in the 1930s and the baby boom beginning in 1946. After sustaining a level of almost 3 million in the early to middle 1920s, the number of births dropped to 2.3 million by 1933-34 and did not return to their old levels until World War II.

In 1946-47, the year following the demobilization of the Armed Forces, the number of births reached a new plateau of 3.9 million, an increase of roughly a million over the previous year. Although the birth rate began to drop in the 1950s, the number of births exceeded 4 million for 11 successive years from 1953 to 1964. Births peaked at 4.35 million in 1960-61, but in no year between 1946 and 1971 did the number of births fall below 3.5 million. With the fertility decline of the 1970s, the level of births dropped to 3.1 million in 1973-74, and only in the 1980s has the number risen above 3.5 million again.

The population in the younger age groups (5 to 13 years) and in school enrollment has reflected the long term decline in births since the middle 1960s. Elementary school enrollment plummeted during the 1970s as the population in this age range declined by 17 percent or 6 million from almost 37 million in 1970. This population has continued to decline moderately in the 1980s. With the rise in births since the middle 1970s, the population under 5 is growing again, so that stabilization and some small growth of the elementary school-age population can be expected soon. Constriction of the population aged 14 to 17 continues as the last of the baby boom generation passes through high school. That age group has declined by almost 8 percent since 1980, the largest decline of any age group. The college-age and young-adult population (18 to 24 years old), which grew enormously during the 1960s and 1970s as the baby boom cohort entered these decades, has been declining since 1981.

The fastest growing age group in the United States in the 1970s, aged 25 to 34, increased by 4.9 million or 13.3 percent from 1980 to 1985. This age group will continue to grow during the 1980s but at a greatly reduced rate. By 1984, the oldest cohort of the baby boom had entered the 35-44 year old age group, which has had the largest increase of any group since 1980 (6.0 million or 23.9 percent). This is the most rapidly growing age group whose growth will continue in the future as the baby boom generation approaches middle age.

The population aged 45 to 54 is beginning to decline as the small Depression cohort ages. The age group from 55 to 64, which is now growing slowly, will begin to decline in size when the smaller cohorts of the late 1920s and the Depression enter this age group. By contrast, the elderly population in the United States (65 years and over) continues to grow rapidly increasing as a group by 3.0 million or 11.7 percent since 1980. The continued aging trend in the population is reflected in the change in the median age. Between 1980 and 1983, the median age rose 0.9 years from 30.0 years to 30.9 years.

Although the general pattern of population change by age is approximately the same for Whites and Blacks, the Black population is growing more rapidly, which is apparent from the distinct racial differences in some age groups. The Black population under 5 years of age has shown significantly greater growth than the White population under 5.. Similarly, each Black age group, with the exception of the 35 to 44 years and 65 years and over groups, exhibits either a larger increase or a smaller decrease than the comparable White age group. The overall effect is that the Black population grew by 5.3 percent compared with 2.5 percent for Whites between 1980 and 1983.

The Census of 1980

The 1980 census showed that dramatic changes took place in the social fabric of virtually every state during the 1970s. Shifts in family, household, and marriage patterns over the decade have altered the makeup of American society at the National, State, and local levels.

According to the 1980 census counts, the median age of the population increased to 30 years from the 28 year level reported in the 1970 Census. The increase has been attributed to declining fertility, aging of the "baby boom" cohorts, and increasing longevity of the population. Less than one-quarter of the population in 1980 was under 15 years of age and 11.3 percent were 65 years old and over.

The data for virtually all states point to faster growth of nonfamily households (one person or unrelated people in the same household) than for families, increases in smaller household size, and more families maintained by women with no husband present. These trends reflect a greater tendency of people to live alone, delay marriage, separate and divorce. While families still make up 73 percent of all households, this figure has decreased from almost 90 percent shown in the 1970 Census. The data also reveal variations in the composition of families among different race and Spanish origin groups.

NEW JERSEY POPULATION TRENDS

Overview

With the results of the 1980 Census of Population and Housing, New Jersey tabulated seven million plus inhabitants making it the ninth most populous state in the nation. With the highest density in the nation at 983.0 persons per square mile as of April 1, 1980, it had fifteen times the density of the United States and almost three times that of the Middle Atlantic region. Already, the most densely populated state in the nation, New Jersey has passed the 1,000 - person per square mile level (with a population density of 1,020.3 persons per square mile as of July 1, 1986). Rhode Island was a distant second at 924.1 persons per square mile as of July 1, 1986. State population density figures, while correctly stating the population to land ratio do not, however, reflect the whole picture. Density is not uniform within the State. It varies considerably from county to county and from municipality to municipality.

The southern counties of New Jersey (Salem and Cumberland), as well as those in the northwest (Hunterdon, Sussex, and Warren), have population densities under three hundred per square mile. These densities contrast markedly to the counties of Hudson and Essex which have upward of twelve and seven thousand persons per square mile respectively. It is in the State's northern area where the four largest cities are located and where the concentration of population is the greatest.

NEW JERSEY POPULATION
1970-1986

April 1, 1970	(Census)	7,171,112
July 1, 1971	(Revised)	7,273,000
July 1, 1972	(Revised)	7,322,000
July 1, 1973	(Revised)	7,316,000
July 1, 1974	(Revised)	7,312,000
July 1, 1975	(Revised)	7,313,000
July 1, 1976	(Revised)	7,312,000
July 1, 1977	(Revised)	7,306,000
July 1, 1978	(Revised)	7,316,000
July 1, 1979	(Provisional)	7,332,000
April 1, 1980	(Census)	7,365,011
July 1, 1981	(Revised)	7,408,000
July 1, 1982	(Revised)	7,430,000
July 1, 1983	(Revised)	7,468,000
July 1, 1984	(Revised)	7,511,000
July 1, 1985	(Revised)	7,561,000
July 1, 1986	(Provisional)	7,620,000

Source: Office of Demographic and Economic Analysis
New Jersey Department of Labor.

Growth Trends

During the decades of the 1950s and 1960s the State's population expanded rapidly, growing at an average annual rate of 2.3% from 1950 to 1960 and 1.7% from 1960 to 1970 compared to the national rates of 1.8% and 1.3%. The State's population "boom" came at the time when the Middle Atlantic states were experiencing far slower growth rates. The trend reversed, however, and has gripped the State since 1973. Population decreased during the 1973-1977 period. The average annual increase was only 0.2% for the decade compared with 0.9% for the United States. The net change for New Jersey between the Census period 1970-1980 indicated a 2.5% overall increase while the nation as a whole increased by 11.4%.

Source of Change

The population growth consists of two major components. The first is classified as Natural Increase and comprises births minus deaths. The second is termed Net Migration which is an inward movement of new residents minus outward movement. It is interesting to see how New Jersey's growth patterns relate to Natural Increase almost paralleling that of the United States, while net migration occurred from the north and central regions of the country to the warmer southern and southwestern regions.

A review of the State's birth rate shows that historically New Jersey had a lower birth rate than the United States. Birth rates have declined substantially in the past thirty years both nationally and in New Jersey. New Jersey's death rate was also slightly higher than the national average during the 1950s and early 1960s, but since the mid sixties the crude death rates have been similar. In 1985, New Jersey's death rate was higher than the national rate. The leading cause of death in both New Jersey and the nation as a whole continues to be heart disease, which in 1986 claimed 362.2 persons per 100,000 residents. Cancer, the second leading cause of death, accounted for 223.1 deaths per 100,000 New Jersey residents.

Net Natural Increase

With Net Natural Increase as the major component of population growth it is logical that births and deaths should have a strong influence on future growth and growth patterns within New Jersey. Nationally, as well as in the State, the net natural rate of increase has been falling since birth rates have declined faster than death rates. Moreover, New Jersey's net natural rate of increase has been below the national average for the past three decades because of a lower birth rate and a similar or higher death rate. From 1970 through 1984, for instance, New Jersey's annual net natural increase averaged about 0.47% compared to .98% for the United States. Nationally, however, the birth history showed a decrease from 1980 to 1984; the national rate moved from 15.9 to 15.8. The death rate in the U.S. remained constant at 8.8 deaths per 1,000 population in 1980 and 8.7 deaths per 1,000 population in 1986. In New Jersey the birth rate rose from 13.1 per 1,000 population in 1980 to 14.2 per 1,000 population in 1986 while the death rate remained constant (at 9.3 per 1,000 population in 1980 and in 1985). However, the death rate dropped to 9.4 per 1,000 population in 1986.

Migration Rate

The other factor influencing population growth, Net Migration, showed a movement from New York and Pennsylvania to New Jersey's growing suburbs during the 1950s and 1960s. New Jersey's average annual net migration rate of 1.13% for 1950-1960 was nearly seven times the nation's 0.17% average annual rate. The State's 1960-1970 annual rate of .78%, likewise, was considerably higher than the national annual average, which remained at 0.17%. This influx of population explains most of New Jersey's rapid growth from 1950 to 1970.

New Jersey's in-migration slowed in the seventies, especially during the recession periods of 1970 and 1974/75. In fact, more people left the State than entered with an average net migration rate of about 0.2% annually compared to a national gain of 0.2%. This reversal in the State's net migration trend explains to a degree the slowing and the decline that has taken place within the State in the late seventies. A slowed rate of out-migration was confirmed by the 1980 Census. New Jersey's net in-migration rate was 0.3%. While this 0.3% is lower than the national rate of 1.0% for the same time period, it is a marked reversal from the net out-migration New Jersey was experiencing in the 1970s.

Intrastate Differences

The total New Jersey population increased by only 3.5% between 1980 and 1986. In 1986, births outnumbered deaths by approximately 37,000. Internal shifts were similar as in past years and not unlike demographic trends found nationwide. Older cities continued to lose not only their manufacturing base but their residents who moved to the suburbs. Suburbia remained relatively stable in density of settlement, but continued to move outward with a greater radius from center cities as new "exurbs" grew. In relatively rural counties of southern New Jersey, especially near the shore, large retirement communities were established.

The State's six largest cities (Newark, Jersey City, Paterson, Elizabeth, Trenton and Camden) remained virtually unchanged between 1980 and 1986 ranging from an average annual percent increase of +0.02% in Elizabeth and +0.01% in Paterson and a 0.65% decrease in Newark. Between 1970 and 1980 the counties with the greatest population decrease of 7 to 990 were three urban counties, Essex, Hudson and Union. With its new gambling casinos Atlantic City is showing some reversal of its former economic decline. Although employment has increased, total resident population has not changed.

The most notable population changes in this State in the decade between 1970 and 1980 were the growth of four relatively rural counties. Hunterdon's population increased by 25%; Cape May's by 38%; Sussex by 50%; and Ocean County by 66%. Three of these four counties (Hunterdon, Cape May and Sussex) were among the five counties with the least population in the State in both 1970 and 1980. In two of these counties, Cape May and Ocean, growth can be attributed to a large increase in retirement communities. In Hunterdon, the age structure of the population in 1980 was very similar to the State as a whole. In Sussex, the age structure shows a larger number of younger families. The age structure in each of the counties and in the State is presented in Table 3.

Since 1980, Ocean County is estimated to have grown by the largest amount: approximately 48,000 persons or 13.8%. Cape May had the second highest rate between 1980 and 1986 of 2.0% per year, which is greater than half of its annual growth rate for the period 1970-80. By contrast, the three largest counties in the State, Bergen, Essex, and Hudson, are the only ones that have declined in numbers.

Racial Composition

As in the past, the racial composition of the New Jersey population resembles closely that of the United States. The 1960 Census data reported 91.3% of New Jersey's population was white compared to 88.6% for the United States. By 1980 the white population represented 83.2%. New Jersey's black population increased from 8.5% to 16.8% of the population over the past twenty-years from 1960 to 1980. In the nation the increase for the same period was from 10.5% to 11.7%.

Age Distribution

The State's population is slightly "older" than the nation as a whole. The age distribution of the State's population has changed markedly over the years. The decline of the birth rate and the decreasing death rate have decreased the percentage of "future workers" in the population, while enlarging the top end of the age structure. In 1960, 29.0% of New Jersey's population was under fifteen years of age, but by 1970 this group accounted for only 27.8% of the population. By 1980 those under 15 represented 21.4%, and by 1984 those under 15 years of age represented 20.2%. The disparity increases for the portion of the population under ten. In 1960, 20.3% of the population was ten and under with only 17.9% in 1970, 13.2% in 1980, and 12.8% in 1984. At the upper end of the age distribution, the share of population 65 and over has increased from 9.1% in 1960 to 9.7 in 1970. The 1980 census shows a further increase to 11.7%, and in 1986 persons over age 64 represented 12.9%. The New Jersey trends parallel those of the United States as a whole and could have serious implications in the next ten to twenty years as a declining working-age population will have to support an increasing number of elderly people. The impact on our medical establishment will be profound as well.

Marriage and Divorce

During the seventies marriages decreased with the exception of 1972 and 1973 which gave an indication of an upturn that did not materialize until later. The bottom was reached in 1977, and since then an upturn has occurred. Marriage rates have increased in recent years even though women have increasingly chosen careers over marriage or postponed marriage to establish a career. Nationally, marriage rates have decreased from their peak at 11.1 per 1,000 population in 1950 to 10.8 in 1980. The State's marriage rate which was a low 6.5 in 1959 rose to 7.6 in 1980 and reached 8.3 in 1983 and 1984. In 1985, and 1986 the marriage rate in New Jersey declined to 8.1. Divorce rates have increased significantly in both New Jersey and the nation during the past thirty years. New Jersey's 1985 rate of 3.7 divorces per 1,000 population was more than 2.7 times the 1970 rate.

1986 POPULATION

Overview

As of July 1, 1986, New Jersey's population was estimated at 7,619,670 -- up by 254,989 or 3.5% from the census count on April 1, 1980. Although substantially less than the U.S. gain of 6.4%, New Jersey outpaced the other seven most populous states in the Northeast and North Central Regions, including New York and Pennsylvania.

New Jersey's Comparative Growth

Although New Jersey's annual rate of population increase since 1980 (0.58% per year) was less than half of the national gain (1.08% per year), state growth was about twice the increase shown in New York. Pennsylvania showed virtually no change at all. Of the eight largest states (over 5 million) in the Northeastern and North Central Regions, not only did New Jersey lead in the percent increase, but it was second only to New York in absolute growth since 1980.

A primary reason for New Jersey's growth was its positive net migration; that is, fifty-nine thousand more people moved into New Jersey than moved out from 1980 to 1986. New Jersey was the only state among the "Top Eight" in the Northeast and North Central Regions with this distinction.

TABLE - 1

POPULATION BY AGE AND SEX
UNITED STATES, NEW JERSEY, NEW YORK, AND PENNSYLVANIA
APRIL 1, 1980

	United States	New Jersey	New York	Pennsylvania
TOTAL	226,504,825	7,364,158	17,557,288	11,866,728
Under 5 years	16,344,407	463,127	1,135,687	747,876
5-9 years	16,697,134	508,526	1,184,687	805,285
10-14 years	18,240,919	605,695	1,406,378	932,218
15-19 years	21,161,667	670,705	1,598,252	1,080,866
20-24 years	21,312,557	614,774	1,519,964	1,059,965
25-29 years	19,517,672	574,046	1,428,314	945,416
30-34 years	17,557,957	563,735	1,351,997	848,098
35-39 years	13,963,008	479,715	1,106,790	682,546
40-44 years	11,668,239	400,048	936,291	591,892
45-49 years	11,088,383	393,967	911,387	600,348
50-54 years	11,708,984	432,607	996,676	695,815
55-59 years	11,614,054	430,087	979,223	712,181
60-64 years	10,085,711	367,444	841,084	633,115
65 years and over	25,544,133	859,682	2,160,558	1,531,107
Median Age	30.0	32.2	31.9	32.1
Males	110,032,295	3,532,719	8,338,961	5,683,985
Females	116,472,530	3,831,439	9,218,327	6,182,743

Source: Bureau of the Census, U.S. Department of Commerce, 1980 Census of Population, Supplementary Reports "Age, Sex, Race, and Spanish Origin of the Population by Regions, Division, and States: 1980," PC80-S1-1, U.S. Government Printing Office, Washington, D.C., Issued May 1981.

TABLE-2

NEW JERSEY
POPULATION BY COUNTY, BY SEX, BY RACE, BY AGE
APRIL 1, 1980 CENSUS

County	Total	Male	FEMALE Total	White	Nonwhite	15-44 yrs.	19 yrs. & under
STATE TOTAL	7,364,823	3,533,012	3,831,811	3,177,848	653,963	1,687,457	1,101,412
Atlantic County	194,119	91,163	102,956	81,420	21,536	41,823	28,154
Bergen County	845,385	405,372	440,013	408,412	31,601	187,658	110,347
Burlington County	362,542	181,636	180,906	154,006	26,900	96,051	58,670
Camden County	471,650	225,202	246,448	199,366	47,082	109,580	75,312
Cape May County	82,266	39,503	42,763	39,570	3,193	15,465	10,603
Cumberland County	132,866	63,026	69,840	54,791	15,049	29,987	22,168
Essex County	851,116	396,667	454,449	255,005	199,444	200,409	133,734
Gloucester County	199,917	97,367	102,550	92,180	10,370	47,752	33,527
Hudson County	556,972	263,475	293,497	223,769	69,728	126,782	80,669
Hunterdon County	87,361	43,505	43,856	42,961	895	20,670	13,746
Mercer County	307,863	146,981	160,882	126,305	34,577	72,795	45,409
Middlesex County	595,893	292,433	303,460	272,337	31,123	145,099	88,157
Monmouth County	503,173	241,857	261,316	232,736	28,580	113,972	78,599
Morris County	407,630	198,804	208,826	198,854	9,972	98,785	63,255
Ocean County	346,038	164,046	181,992	174,710	7,282	67,259	49,062
Passaic County	447,585	212,631	234,954	184,808	50,146	103,425	68,372
Salem County	64,676	31,463	33,213	27,648	5,565	14,156	10,318
Somerset County	203,129	99,671	103,458	96,088	7,370	47,635	29,677
Sussex County	116,119	57,371	58,748	57,967	781	28,080	19,724
Union County	504,094	240,278	263,816	211,919	51,897	110,951	68,779
Warren County	84,429	40,561	43,868	42,996	872	19,123	13,130

TABLE-3

NEW JERSEY
POPULATION BY COUNTY BY AGE GROUP
APRIL 1, 1980 CENSUS

		AGE GROUP						
County	Total	Under 15	15-19	20-24	25-34	35-44	45-64	65+
STATE TOTAL	7,364,823	1,577,577	670,665	614,828	1,137,893	879,823	1,624,266	859,771
Atlantic County	194,119	40,813	16,833	16,218	28,404	19,967	41,097	30,787
Bergen County	845,385	153,396	72,513	67,559	124,489	103,422	218,730	105,276
Burlington County	362,542	84,478	38,485	33,556	59,925	45,770	71,646	28,682
Camden County	471,650	110,187	43,253	40,359	75,038	53,180	100,401	49,232
Cape May County	82,266	15,264	6,748	6,328	10,936	7,611	18,646	16,733
Cumberland County	132,866	32,353	12,603	10,448	19,890	14,857	27,199	15,516
Essex County	851,116	192,277	77,307	71,267	130,090	99,172	182,242	98,761
Gloucester County	199,917	48,645	19,585	18,042	32,860	23,395	39,667	17,723
Hudson County	556,972	116,069	48,168	49,889	86,991	61,908	124,015	69,932
Hunterdon County	87,361	20,051	8,522	5,859	13,871	13,307	17,647	8,104
Mercer County	307,863	62,353	29,346	29,583	48,284	35,639	67,458	35,200
Middlesex County	595,893	120,970	59,639	60,704	97,741	70,936	133,171	52,732
Monmouth County	503,173	113,584	46,953	37,489	75,222	64,341	106,048	59,536
Morris County	407,630	90,933	38,533	31,268	65,572	58,845	86,683	35,796
Ocean County	346,038	74,562	25,858	21,440	49,528	35,680	67,161	71,809
Passaic County	447,585	98,336	40,194	38,850	69,046	51,572	96,446	53,141
Salem County	64,676	15,272	6,030	4,918	9,673	7,292	13,953	7,538
Somerset County	203,129	41,748	19,219	15,955	31,626	27,578	48,721	18,282
Sussex County	116,119	30,594	9,863	7,533	22,097	16,545	19,352	10,135
Union County	504,094	96,608	43,528	41,027	73,289	58,679	126,296	64,667
Warren County	84,429	19,084	7,485	6,536	13,321	10,127	17,687	10,189

TABLE-4

ESTIMATES OF RESIDENT POPULATION, NEW JERSEY COUNTIES*

COUNTY	CENSUS, APRIL 1, 1980	REVISED ESTIMATE, JULY 1, 1984	REVISED ESTIMATE, JULY 1, 1985	PROVISIONAL ESTIMATE, JULY 1, 1986
STATE TOTAL	7,365,011	7,511,000	7,561,000	7,620,000
Atlantic County	194,119	200,600	203,500	206,300
Bergen County	845,385	843,800	839,700	836,900
Burlington County	362,542	377,700	379,900	382,500
Camden County	471,650	484,800	487,100	492,900
Cape May County	82,266	88,000	90,000	92,200
Cumberland County	132,866	134,400	135,600	136,500
Essex County	851,304	841,500	844,000	843,900
Gloucester County	199,917	205,900	208,400	210,700
Hudson County	556,972	560,400	557,100	551,800
Hunterdon County	87,361	92,000	93,600	96,500
Mercer County	307,863	313,700	317,400	322,500
Middlesex County	595,893	616,900	626,800	636,200
Monmouth County	503,173	521,900	531,300	542,400
Morris County	407,630	417,500	417,700	418,500
Ocean County	346,038	370,700	380,600	393,600
Passaic County	447,585	457,100	459,700	461,500
Salem County	64,676	65,500	65,400	65,500
Somerset County	203,129	208,900	210,800	215,200
Sussex County	116,119	119,600	121,000	122,800
Union County	504,094	505,100	505,800	504,700
Warren County	84,429	85,400	85,600	86,600

* State estimates are shown to the nearest thousand persons, and county estimates to the nearest hundred persons.

SOURCE: Office of Demographic and Economic Analysis, Division of Planning and Research, Department of Labor.

TABLE-5

COMPONENTS OF CHANGE IN RESIDENT POPULATION, BY COUNTY: APRIL 1, 1980 TO JULY 1, 1986*

New Jersey Counties	Total Population		Change, 1980-1986		Components of Change		
	1980 Census	1986 Estimate	Number	Pct.	Births	Deaths	Net Migration
STATE TOTAL	7,365,011	7,620,000	255,000	3.46	626,000	430,000	59,000
Atlantic	194,119	206,300	12,200	6.28	18,200	15,100	9,100
Bergen	845,385	836,900	-8,500	-1.00	55,400	48,500	-15,500
Burlington	362,542	382,500	19,900	5.49	32,900	16,200	3,200
Camden	471,650	492,900	21,200	4.50	48,200	27,000	0
Cape May	82,266	92,200	9,900	12.05	7,200	7,400	10,000
Cumberland	132,866	136,500	3,600	2.70	13,000	8,100	-1,200
Essex	851,304	843,900	-7,400	-0.87	74,800	51,500	-30,700
Gloucester	199,917	210,700	10,800	5.40	19,200	10,100	1,700
Hudson	556,972	551,800	-5,200	-0.93	51,500	36,500	-20,200
Hunterdon	87,361	96,500	9,100	10.44	7,300	4,000	5,900
Mercer	307,863	322,500	14,600	4.74	26,400	17,900	6,100
Middlesex	595,893	636,200	40,300	6.77	48,800	29,200	20,700
Monmouth	503,173	542,400	39,300	7.81	41,600	30,500	28,100
Morris	407,630	418,500	10,900	2.67	31,200	18,000	-2,300
Ocean	346,038	393,600	47,600	13.75	29,800	29,700	47,400
Passaic	447,585	461,500	14,000	3.12	42,100	26,400	-1,800
Salem	64,676	65,500	800	1.21	5,700	3,900	-1,000
Somerset	203,129	215,200	12,100	5.94	15,600	9,400	5,900
Sussex	116,119	122,800	6,700	5.76	11,300	5,100	500
Union	504,094	504,700	600	0.11	38,700	30,600	-7,500
Warren	84,429	86,600	2,200	2.57	7,300	5,000	-100

* The 1986 population is the Provisional estimate, as of July 1. Population change, and estimates of the components of change, have been rounded to the nearest thousand persons for the State, and to the nearest hundred for the counties. Components of change may not add precisely to total change due to the rounding.

SOURCE: Office of Demographic and Economic Analysis, Division of Planning and Research, Department of Labor.

TABLE-6

POPULATION ESTIMATES FOR COUNTIES AND SELECTED PLACES
NEW JERSEY: 1986

Place of Residence	Federal Census April 1, 1980	Revised Population Estimates July 1, 1985	Provisional Population Estimates July 1, 1986
STATE TOTAL	7,365,011	7,560,997	7,619,670
ATLANTIC COUNTY	194,119	203,493	206,318
Atlantic City	40,199	36,757	36,219
BERGEN COUNTY	845,385	839,741	836,907
BURLINGTON COUNTY	362,542	379,884	382,462
CAMDEN COUNTY	471,650	487,143	492,893
Camden City	84,910	82,284	83,265
Cherry Hill Twp.	68,785	71,467	72,544
Gloucester Twp.	45,156	49,400	50,359
CAPE MAY COUNTY	82,266	89,960	92,178
CUMBERLAND COUNTY	132,866	135,561	136,453
Vineland City	53,753	53,479	53,981
ESSEX COUNTY	851,304	844,027	843,925
Bloomfield	47,792	47,665	47,812
East Orange	77,878	77,366	77,583
Irvington	61,493	62,623	62,470
Newark	329,248	317,800	316,345
GLOUCESTER COUNTY	199,917	208,428	210,719
HUDSON COUNTY	556,972	557,075	551,790
Bayonne	65,047	63,755	62,695
Hoboken	42,460	42,118	41,363
Jersey City	223,532	220,083	218,576
North Bergen Twp.	47,019	47,353	47,363
Union City	55,593	56,419	55,823
HUNTERDON COUNTY	87,361	93,573	96,483
MERCER COUNTY	307,863	317,432	322,470
Hamilton Twp.	82,801	85,684	87,375
Trenton	92,124	91,654	91,746
MIDDLESEX COUNTY	595,893	626,798	636,235
Edison Twp.	70,193	79,357	81,934
New Brunswick	41,442	41,495	39,858
Old Bridge Twp.	51,515	54,668	55,466
Piscataway Twp.	42,223	43,273	43,825
Woodbridge Twp.	90,074	92,728	93,106
MONMOUTH COUNTY	503,173	531,287	542,446
Middletown Twp.	62,574	67,927	69,290
MORRIS COUNTY	407,630	417,687	418,527
Parsippany-Troy Hills	49,868	49,534	49,247
OCEAN COUNTY	346,038	380,624	393,604
Brick Twp.	53,629	59,484	60,902
Dover Twp.	64,455	69,164	71,434
PASSIC COUNTY	447,585	459,708	461,536
Clifton	74,388	76,402	76,519
Passaic City	52,463	54,003	53,957
Paterson	137,970	139,310	139,453
Wayne Twp.	46,474	48,784	49,549
SALEM COUNTY	64,676	65,440	65,456
SOMERSET COUNTY	203,129	210,776	215,199
SUSSEX COUNTY	116,119	120,964	122,812
UNION COUNTY	504,094	505,846	504,658
Elizabeth	106,201	107,107	106,656
Plainfield	45,555	45,997	46,095
Union Twp.	50,184	50,662	50,875
WARREN COUNTY	84,429	85,550	86,599

NOTE: Population from the Office of Demographic and Economic Analysis, Division of Planning and Research, Department of Labor.

TABLE-7

RESIDENT POPULATION 65 AND OLDER
NEW JERSEY COUNTIES 1984-1986

NEW JERSEY COUNTIES	CENSUS 4/1/80	ESTIMATED AS OF JULY 1*		
		1984 (R)	1985 (R)	1986 (P)
STATE TOTAL	859,711	938,000	958,000	981,000
Atlantic County	30,787	30,300	30,500	30,800
Bergen County	105,276	115,200	117,200	119,400
Burlington County	28,682	33,700	35,000	36,400
Camden County	49,232	54,700	56,200	57,800
Cape May County	16,733	17,900	18,100	18,400
Cumberland County	15,516	16,600	17,000	17,500
Essex County	98,761	99,600	99,900	100,400
Gloucester County	17,723	20,300	21,100	21,800
Hudson County	69,932	71,000	71,400	71,900
Hunterdon County	8,104	8,700	9,000	9,300
Mercer County	35,200	38,600	39,600	40,700
Middlesex County	52,732	63,300	66,100	69,100
Monmouth County	59,536	65,500	67,100	68,900
Morris County	35,796	39,800	40,700	41,700
Ocean County	71,809	84,200	87,500	91,100
Passaic County	53,141	56,100	56,800	57,700
Salem County	7,538	8,400	8,600	8,800
Somerset County	18,282	21,200	22,100	23,000
Sussex County	10,135	11,400	11,600	11,900
Union County	64,667	69,700	70,900	72,300
Warren County	10,189	11,400	11,700	12,000

* State estimates are shown to the nearest thousand persons, and county estimates to the nearest hundred persons.

The estimate for 1986 is provisional (P). Those for 1984 and 1985 are revised (R) from previous years.

SOURCE: Office of Demographic and Economic Analysis, Division of Planning and Research, Department of Labor.

G0082

Technical Notes

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Technical Notes

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CENTER FOR HEALTH STATISTICS
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Technical Notes

SOURCES OF DATA

Vital Events

Birth, death, fetal death, and marriage certificates are the basic source documents used for collecting data on vital events occurring to New Jersey residents during the calendar year. Birth, death, and fetal death certificates are completed by hospital personnel, physicians, and funeral directors. Marriage certificates are completed by the person officiating. Copies of the certificates are available from the Bureau of Vital Statistics.

The cut-off date for the submission of vital events data contained in this report is May 1 of the following year. Any data pertaining to an event that occurred during the calendar year, but for which a certificate was filed or changed after May 1, are not included.

Births and deaths of New Jersey residents that occurred in another state are included in this report. The inclusion of these data is made possible by an agreement among all registration areas in the United States for exchange copies of certificates. No marriage certificates are exchanged under this agreement, however.

Population

The population data used in this publication are based in part on data collected by census enumerators during the latest decennial Census of Population and Housing, conducted by the U.S. Bureau of the Census. Every person and housing unit is questioned regarding certain basic demographic information such as age, race, and relationship. Population data for each year following the decennial census are based on the annual estimates released by the NJ Department of Labor, Office of Demographic and Economic Analysis. They assemble data about births and deaths that are provided by the Center for Health Statistics, along with migration data, to update the population figures.

Abortions

The New Jersey Abortion Surveillance Program is a health monitoring system conducted by the Center for Health Statistics within the New Jersey Department of Health. Reporting forms are completed by licensed abortion facilities and are coded and processed bythe Center on a monthly basis.

Morbidity

There are two sources of morbidity data in New Jersey. Certain communicable diseases are required by law to be reported to the Department. Various programs throughout the Department of Health collect these data. Each program forwards a copy of their data to the Center for Health Statistics on an annual basis. The other source of morbidity data is hospital discharge data forms. The medical discharge abstract data forms are designed by the Center and completed by all licensed hospitals, general and specialty, for every inpatient service episode. The format of these forms emphasizes clinical information, not cost or charges. These data are submitted to the Center quarterly and are analyzed annually.

Divorces

Divorce and annulment data are compiled from transmittal documents that are received from records maintained by the Office of the Administration of the Courts. Copies of these records are forwarded to the Center for Health Statistics annually for inclusion in this report.

Accidents

Only accidents resulting in deaths are covered in this report. The causes of fatal accidents are obtained from the death certificates.

DATA QUALITY

Vital Events

The quality of these data is directly related to the completeness and accuracy of the information contained on the vital certificates. The NJ/DOH works to ensure that the information received is as complete and accurate as possible; it maintains two major program operations related to improving the quality of information received on vital certificates.

The query program is a system used to follow up with local registrars, hospital personnel, funeral directors, and/or physicians, concerning incomplete or conflicting information. The follow-back contact is usually done by telephone and is based both on a manual and computer editing procedure.

The field program improves vital certificate data quality by educating the participants in the vital registration system, e.g., hospital personnel, funeral directors, local registrars, and physicians, of the uses and importance of vital statistics data. For example, seminars are conducted with direct participation of these individuals and various associations. Also, the NJ/DOH field representative makes site visits when problems with registration relating to a particular area or institution are discovered.

The National Center for Health Statistics (NCHS) monitors New Jersey's coding of birth and death data. NCHS has established a two percent upper limit for coding difference involving any one item, with the exception of cause of death. A five percent limit is established for this item because of the complexity of the coding process. For additional information regarding coding quality levels for New Jersey or other states contact the National Center for Health Statistics, Technical Services, Division of Vital Statistics, Research Triangle Park, North Carolina.

Population

While it is impossible to completely eliminate error from an operation as large and complex as the decennial census, the U.S. Bureau of the Census attempts to control errors during collection and processing operations through record checks and re-checks, post-enumeration follow-back, quality control checks during processing, and the installation of special coding procedures for nonresponses to questions on the census questionnaire. For further details regarding the quality controls on U.S. Census data, refer to Starsinic, Donald E., "Evaluation of Population Estimation, Procedures for Statistics, 1980: An Interim Report." Current Population Reports Series P-25, No. 933, issued June 1983, page 2.

The NJ/DOH controls the quality of the birth and death data supplied to the NJ/DOL as described above. Contact the NJ/DOL for further details regarding their control over migration data quality.

Abortions

Abortion data are collected only from clinics, not private physicians. Thus, only a portion of all legal abortions in New Jersey are included. The quality of these data are maintained by computer edits performed on all data submitted and by clerical review of all records for obvious errors. Queries are made to the providers to correct the abortion information prior to issuing this report.

Morbidity

Reportable diseases are monitored for completeness by the Communicable Disease Control Services Program under the Division of Epidemiology and Disease Control. A manual tracking system is in place that checks and double checks all information received by the Communicable Disease Control Unit. Any errors detected are corrected before the data are released. All data are actual counts.

Two measurements are used in assessing the accuracy and quality of the medical discharge abstracts data. The first relates directly to the data contents of the data tapes, which are evaluated for completeness, consistency, and overall levels of error. All errors detected are reviewed and levels of severity established in terms of rates of error relative to all data that are received. The second measure tracks the completeness and correctness of coding. This measure is based upon a direct comparison of the records maintained by the facility to the abstract data submitted to the Department.

Divorces

Divorce data are obtained directly from the New Jersey Department of Justice Court Records Summary Statistics. Records are processed and run through an extensive set of edit checks by the NJ/DOJ. No further checks on data quality are performed by the Center for Health Stastistics on divorce data obtained from the NJ/DOJ.

GEOGRAPHIC CLASSIFICATION

Vital Events

Vital events can be classified geographically in two ways, by place of residence or place of occurrence. Throughout this report state, county and minor civil division (MCD) where the person affected resides is used to classify vital events. For example, the usual residence of the mother, in the case of a newborn, or the decedent, in the case of death, is used. Fetal deaths and infant deaths, in cases where the child was never discharged from the hospital, are classified by the residence of the mother. While occurrence statistics have both administrative value and statistical significance, residence statistics are by far the more useful tool when constructing health indices for planning and evaluation purposes. For instance, the vital statistics residence data are used to determine the "natural increase" component of the state's population estimates provided by the NJ/DOL. The only exception to the use of place of residence for geographical classification in this report relates to marriages and divorces. County breakdowns of these data describe where the marriage or divorce took place.

It should be noted that the allocation of vital events by place of residence is not always straightforward. For various reasons, a person's statement of their residence may be incorrect or incomplete. For example, mailing addresses often differ from the actual residence. When the mailing address of an unincorporated or local name place is given as the place of residence, it may prove impossible to allocate the event to the correct MCD. Postal zip codes are used for cross reference when the correctness of residence is in question. Note, this problem affects primarily MCD classification. Resident counts for the state and counties are substantially correct.

Population

The error associated with residence is almost nonexistent in the 1980 Census of Population and Housing data, since this census involved on-site enumeration of both population and housing units. County boundaries legally defined and in effect as of January 1, 1980 were recognized in the 1980 census. Census data are also available from the NJ/DOL Office of Demographic and Economic Analysis for geographic areas not represented in this publication, such as census tracts and enumeration districts. Townships that are incorporated in the state of New Jersey are included as MCDs.

Abortions

City and zip code of the abortion recipient are recorded on the reporting form submitted to the Center for Health Statistics. No verification is performed on the patient's report. A postal zip code notification program has been installed in the computer/edit phase to verify the MCD.

Since abortion surveillance began, 78% to 85% of all reported abortions performed at in-state facilities have been on New Jersey residents. The NJ/DOH is unable at this time to obtain detailed data on New Jersey residents receiving an abortion in other states or at physician's offices. The data compiled by the Center for Health Statistics include only those data on residents receiving abortions at licensed facilities within the State.

Morbidity

Control is maintained over the geographic location coding for both reportable diseases and medical discharge abstracts data. Systems have been developed to insure correct reporting of resident codes. In addition, a postal zip code verification program has been installed in the computer edit phase of data processing to identify mistakes.

DEFINITION OF RATES

Absolute counts of health-related events do not readily lend themselves to analysis and comparison betwen years and various geographic areas because of population size differences. In order to compare the health status of populations that differ in size, the absolute number of events is converted to a relative number, such as the probability of living or dying expressed as a rate, a ratio, or an index. This conversion is made by relating the crude number of events happening to the living population at risk in a particular area at a specified time to the size of the same population.

In interpreting the causes of differences in vital statistics rates, consideration should be given to the many ways in which two or more groups differ, for example, demographic differences such as age, sex, and ethnicity. Further adjustment of the crude or overall rates presented in this report may be required to properly describe why rates of births or disease differ between populations the reader may wish to compare.

DESCRIPTIVE STATISTICS:
RATES, RATIOS, PROPORTIONS, AND INDICES*

A. RATE: A rate measures the frequency of occurrence of some particular event. A rate is of the form:

$$\frac{x}{y} \times k$$

where

x = number of times an event has occurred during a specific interval of time,

y = number of persons exposed to the risk of the event during the same interval, and

k = some round number (100, 1,000, 10,000, 100,000, etc.) or base, depending upon the relative magnitude of x and y.

1. MORBIDITY RATES: Morbidity rates measure the frequency of illness within specific populations. Time and place must always be specified. The most commonly used morbidity rates include point prevalence, period prevalence, incidence, and attack rate as shown in Table E.

   a. PREVALENCE: Prevalence measures the frequency of all current cases of disease (old and new) and is of two types:

      (1) POINT PREVALENCE: Point prevalence measures the frequency of all current cases of a disease (old and new) at a given instant in time.

      (2) PERIOD PREVALENCE: Period prevalence measures the frequency of all current cases of disease (old and new) for a prescribed period of time.

   b. INCIDENCE: Incidence measures the rapidity with which a disease occurs or the frequency of addition of new cases of a disease. These new cases of a disease occur either through onset of the disease on current members of the population or by immigration of persons already ill into the population. Incidence is always calculated for a given period of time.

   c. ATTACK RATE: An attack rate is an incidence rate usually expressed as a percent, used for particular populations, and observed for limited periods of time, as in an epidemic.

*NOTE: This section and the accompanying Table E are from: Vital and Health Statistics: Techniques of Community Health Analysis, published in 1978 by the Center for Disease Control, U.S. Department of Health and Human Services.

2. MORTALITY RATES: Mortality rates measure the frequency of deaths within specific populations and are calculated for a given time interval and place. Several general and specific formulae are used to describe mortality as shown in Table E.

3. NATALITY RATES: Natality rates measure the frequency of births (birth rates) and the probability of births (fertility rates) within specific populations and are calculated for a given time interval and place. Some frequently used natality rates and ratios are shown in Table E.

B. RATIO: A ratio is the expression of the relationship between a numerator and denominator that may involve either an interval in time or may be instantaneous in time. The ratio is of the form:

$$x : y \quad \text{or} \quad \frac{x}{y} \times k$$

where

x = number of events or items counted and not necessarily a portion of y,

y = number of events or items counted and not necessarily a population of persons exposed to the risk, and

k = a base, as in the case of a rate, but usually 1 or 100 for the purpose of expressing ratios.

C. PROPORTION: A proportion is an expression in which the numerator is always included in the denominator, and the values vary between zero and one. A proportion may be expressed as a percent by multiplying by 100.

D. INDEX: An index is the best available approximation to a true rate. An approximation is needed when the number at risk (denominator) cannot be counted directly. Then, some other variable that can be counted is substituted to estimate the number at risk.

For example, in order to calculate a maternal mortality rate, we should, strictly speaking, divide the number of deaths assigned to deliveries and complications of pregnancy, childbirth, and the puerperium by the total number of pregnancies occurring in a specified time interval. Since we are unable to count the total number of pregnancies, we substitute the number of registered live births; this figure serves as an estimate of the number of pregnancies. The resulting maternal mortality rate is therefore not a rate at all in the strict sense, but is nevertheless a useful index which gives an impression of the risk of dying associated with pregnancy.

TABLE E

FREQUENTLY USED RATES, RATIOS, PROPORTIONS, AND INDICES USED FOR DESCRIBING NATALITY, MORBIDITY, AND MORTALITY

No.	Description of Measure	Numerator (x)	Denominator (y)	Expressed Per Number At Risk (k)
	NATALITY			
1.	Birth Rate			
	Crude; specific for age of mother, sex of child, socioeconomic status, etc.	Number of live births reported during a given time interval	Estimated mid-interval population	1,000
2.	Fertility Rate			
	(a) Theoretical Purposes	Number of live births reported during a given time interval from mothers aged 15-44 years	Estimated number of women in age group 15-44 years at mid-interval	1,000
	(b) Current Usage			
	Crude; specific for age of mother, race, socioeconomic status, etc.	Number of live births reported during a given time interval	Estimated number of women in age group 15-44 years at mid-interval	1,000
3.	Low Birth Weight Ratio			
	Crude; specific for age of mother, race, socioeconomic area, etc.	Number of live births under 2,500 grams (or 5½ lbs.) during a given time interval	Number of live births reported during the same time interval	100

TABLE E (Continued)

No.	Description of Measure	Numerator (x)	Denominator (y)	Expressed Per Number At Risk (k)
	MORBIDITY			
4.	Incidence Rate			
	Crude by cause; specific for age, race, sex, socio-economic area, stage of disease, etc.	Number of new cases of a specified disease reported during a given time interval	Estimated mid-interval population	Variable: 10^x where x = 2, 3, 4, 5, 6,
5.	Attack Rate			
	Crude by cause; specific for age, race, sex, socio-economic area, etc.	Number of new cases of a specified disease reported during a specific time interval	Total population at risk during the same time interval	Variable: 10^x where x = 2, 3, 4, 5, 6,
6.	Point Prevalence Rate (Ratio)			
	Crude by cause; specific for age, race, sex, socio-economic area, stage of disease, etc.	Number of current cases, new and old of a specified disease existing at a given point in time	Estimated population at the same point in time	Variable: 10^x where x = 2, 3, 4, 5, 6,
7.	Period Prevalence Rate (Ratio)			
	Crude by cause; specific for age, race, sex, socio-economic area, stage of disease, etc.	Number of current cases, new and old, of a specified disease occurring during a given time interval	Estimated mid-interval population	Variable: 10^x where x = 2, 3, 4, 5, 6,

TABLE E (Continued)

No.	Description of Measure	Numerator (x)	Denominator (y)	Expressed Per Number At Risk (k)
	MORTALITY			
8.	Crude Death Rate			
	Crude; specific for age, race, sex, socioeconomic area, etc.	Total number of deaths reported during a given time interval	Estimated mid-interval population	1,000
9.	Cause-specific Death Rate or Cause of Death Rate			
	Crude by cause; specific for age, race, sex, socio-economic area, etc.	Number of deaths assigned to a specific cause during a given time interval	Estimated mid-interval population	100,000
10.	Cause-Specific Death Ratio or Cause of Death Ratio or Proportional Mortality Ratio			
	Crude by cause; specific for age, race, sex, socio-economic area, etc.	Number of deaths assigned to a specified cause during a given time interval	Total number of deaths from all causes reported during the same interval	100 or 1,000
11.	Case Fatality Rate (Ratio) Death-to-Case Ratio			
	Crude; specific for age, race, sex, socio-economic area, etc.	Number of deaths assigned to a specified disease during a given time interval	Number of new cases of that disease reported during the same time interval	100

TABLE E (Continued)

No.	Description of Measure	Numerator (x)	Denominator (y)	Expressed Per Number At Risk (k)
12.	(a) Fetal Death Rate I			
	Crude; specific for age of mother, race, socioeconomic area, etc.	Number of fetal deaths of 28 weeks or more gestation reported during a given time interval	Number of fetal deaths of 28 weeks or more gestation reported during the same time interval plus the number of live births occurring during the same time interval	1,000
	(b) Fetal Death Rate II			
	Crude; specific for age of mother, race, socioeconomic area, etc.	Number of fetal deaths of 20 weeks or more gestation reported during a given time interval	Number of fetal deaths of 20 weeks or more gestation reported during the same time interval plus the number of live births occurring during the same time interval	1,000
13.	(a) Fetal Death Ratio I			
	Crude; specific for age of mother, race, socioeconomic area, etc.	Number of fetal deaths of 28 weeks or more gestation reported during a given time interval	Number of live births reported during the same time interval	1,000
	(b) Fetal Death Ratio II			
	Crude; specific for age of mother, race, socioeconomic area, etc.	Number of fetal deaths of 20 weeks or more gestation reported during a given time interval	Number of live births reported during the same time interval	1,000

TABLE E (Continued)

No.	Description of Measure	Numerator (x)	Denominator (y)	Expressed Per Number At Risk (k)
14.	(a) Perinatal Mortality Rate I			
	Crude; specific for age of mother, race, socioeconomic area, etc.	Number of fetal deaths of 28 weeks or more gestation reported during a given time interval plus the reported number of infant deaths under seven days of life during the same time interval	Number of fetal deaths of 28 weeks or more gestation reported during the same time interval plus the number of live births occurring during the same time interval	1,000
	(b) Perinatal Mortality Rate II			
	Crude; specific for age of mother, sex, socioeconomic area, etc.	Number of fetal deaths of 20 weeks or more gestation reported during a given time interval plus the reported number of infant deaths under 28 days of life during the same time interval	Number of fetal deaths of 20 weeks or more gestation reported during the same time interval plus the number of live births reported during the same time interval	1,000
15.	Infant Mortality Rate			
	Crude; specific for race, sex, socioeconomic area, birth weight, cause of death, etc.	Number of deaths under 1 year of age reported during a given time interval	Number of live births reported during the same time interval	1,000

TABLE E (Continued)

No.	Description of Measure	Numerator (x)	Denominator (y)	Expressed Per Number At Risk (k)
16.	Neonatal Mortality Rate			
	Crude; specific for race, sex, socioeconomic area, birth weight, cause of death, etc.	Number of deaths under 28 days of age reported during a given time interval	Number of live births reported during the same time interval	1,000
17.	Postneonatal Mortality Rate			
	(a) Theoretical Purposes	Number of deaths from 28 days of age up to, but not including, 1 year of age, reported during a given time interval	Number of live births reported during the same time interval less the number of deaths under 28 days of age	1,000
	(b) Current Usage			
	Crude; specific for race, sex, socioeconomic area, cause of death, etc.	Number of deaths from 28 days of age up to, but not including, 1 year of age, reported during a given time interval	Number of live births reported during the same time interval	1,000
18.	Maternal Mortality Rate			
	Crude; specific for age of mother, race, socioeconomic area, etc.	Number of deaths assigned to causes related to pregnancy during a given time interval	Number of live births reported during the same time interval	10,000

SELECTION OF STATISTICAL FORMULAS USED IN THIS REPORT FOR COMPUTING BIRTH, DEATH AND MORBIDITY RATES

Crude Birth Rate - see Table E, No. 1.

Fertility Rate - see Table E, No. 2(a).

Crude Death Rate - see Table E, No. 8.

Infant Mortality Rate - see Table E, No. 15.

Neonatal Mortality Rate - see Table E, No. 16.

Fetal Death Rate - see Table E, No. 13(b).

Perinatal Mortality Rate - see Table E, No. 14(b).

Maternal Mortality Rate - see Table E, No. 18.

Specific Cause-of Death-Rate - see Table E, No. 9.

Age-Specific Death Rate - Expressed per 100,000 population in a specified age group,

$$\frac{\text{No. of Deaths in a Specific Age Group}}{\text{Midyear Population Estimate for the Same Age Group}} \times 100{,}000.$$

Morbidity Rate - Expressed per 100,000 (10,000 or 1,000) population,

$$\frac{\text{No. of Reported Cases of a Given Disease}}{\text{Midyear Population Estimate}} \times 100{,}000 \ (10{,}000 \text{ or } 1{,}000),$$

which is analogous to a period prevalence rate covering only cases reported to the NJ/DOH.

DEFINITIONS

ABORTION	premature expulsion or removal from the uterus of the products of conception (the embryo or nonviable fetus).
ACCIDENT	that occurrence in a sequence of events which usually produces unintended injury, death or property damage.
ACCIDENT TYPE	describes the occurrence leading to injury or property damage.
AGE-SPECIFIC MORTALITY RATE	the number of deaths of a given age group per 100,000 estimated persons in that age group usually expressed as an annual rate.
AGENCY OR AGENT	the principal object such as tool, machine or equipment in the accident and is usually the object inflicting injury or property damage.
APGAR SCORE	composite measure used to evaluate the newborn infant's general condition. Apgar scores are given one and five minutes after birth. Heart rate, respiratory, effort, color, muscle tone and reflexes are checked and evaluated. Each factor receives a score of 0, 1, or 2 and the sum of the five values is the overall score. A score of ten is optimum.
ASSOCIATED CAUSE OF DEATH	condition other than the underlying cause of death which may have contributed to the death.
BIRTH RATE	the number of live births per 1,000 population.
BIRTHWEIGHT	weight of fetus or infant at time of delivery (normally recorded in pounds and ounces or in grams).
CAUSE GROUP	a summary of deaths resulting from or cases of, related diseases as defined by the International Classification of Diseases adapted for use in the United States, published by the U.S. Department of Health, and Human Services; usually specified by a series of 3-digit codes; i.e. 140-208 malignant neoplasms.
DAY	(motor vehicle accidents) is the time interval between surise and sunset.

DEATH RATE	the number of deaths per 100,000 population.
DEATH FROM ACCIDENT	a death which occurs within one year of the accident.
DELIVERIES	live births plus reported fetal deaths.
DISABLING INJURY	an injury causing death, permanent disability, or any degree of temporary total disability beyond the day of the accident.
ESTIMATED POPULATION	the estimated number of persons in a given group based on the latest census data and adjusted for annual births, annual deaths and net migration.
FATAL ACCIDENT	an accident which results in one or more deaths within one year.
FERTILITY RATE	the number of live births to women aged 15-44 per 1,000 women in this age group, usually expressed as an annual rate.
FETAL DEATH	death prior to the complete expulsion or extraction from its mother of a product of conception; the fetus shows no signs of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.
FETAL DEATH RATE	the number of fetal deaths occurring in the twentieth week of gestation or later (required by law to be registered as fetal deaths) per 1,000 live births, usually expressed as an annual rate.
FIRST TRIMESTER	first twelve weeks of pregnancy, as determined by the history given by the patient considered in conjuction with the physician's estimation of length of pregnancy by clinical examination of the size of the uterus (NJAC 8:40-4.1).
HOME	a dwelling and its premises within the property lines, including in addition to the usual single-family dwellings and apartment houses, duplex dwellings, boarding and rooming houses and seasonal cottages. Excluded from homes are barracks, dormitories, and resident institutions.

HOMICIDE	the act of one person who kills another, includes deaths from injuries purposely inflicted by other persons, deaths from injuries resulting from intervention by law enforcement officers and deaths caused by legal execution.
HOSPITAL	health care facility licensed as a hospital in accordance with the statutes of New Jersey.
HYSTERECTOMY	excision of the uterus.
HYSTEROTOMY	incision of the uterus to remove the fetus before viability.
ILLEGITIMATE BIRTHS	a birth to an unwed woman, or to a woman whose husband did not father the infant.
ICD-9 CODE	a listing of disease classification known as the "Ninth Revision International Classification of Diseases Adapted for Use in the United States," published by the United States Department of Health and Human Services, used in the statistical coding and tabulation of specific disease morbidity and mortality.
IMMATURE BIRTH	a live birth weighing 2,500 grams (5 Lbs. 8 oz.) or less.
INCIDENCE RATE	incidence is the number of occurrences of an event, such as the number of new cases of tuberculosis. incidence rate is expressed in terms of the population in which the event occurs within a specified time period. incidence rates are usually expressed as representing the cases per 100,000 population per year.
INFANT DEATH	death occurring to live born individual of less than 1 year of age.
INFANT MORTALITY RATE	the number of infant deaths per 1,000 live births, usually expressed as an annual rate.
LEGITIMATE BIRTH	a birth to a married woman whose husband fathered the infant.

LIVE BIRTH	a live birth is the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration and pregnancy, which after such separation, breaths or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.
MATERNAL DEATHS	those wherein the physician has designated a maternal condition as the underlying cause of death.
MATERNAL MORTALITY RATE	the number of maternal deaths per 10,000 live births, usually expressed as an annual rate.
MINOR CIVIL DIVISION	New Jersey Minor Civil Divisions (MCD) are legally incorporated political subdivisions and are the local level of civil government. The various cities, municipalities, townships, villages, and towns encompass all areas of the state. They are mutually exclusive, i.e., no one MCD overlaps another, even though it may surround another.
MORTALITY	the number of deaths per a specified number of people.
MOTOR VEHICLE	any mechanically or electrically powered device (except one moved by human power), not operating on rails, upon which or by which any person or property may be transported upon a land highway. The load on a motor vehicle, or trailer attached to it, is considered part of the vehicle. Tractors and motorized machinery are included while self-propelled in transit or used for transporation. Also included are motor scooters, motorized bicycles and snowmobiles.
MOTOR VEHICLE ACCIDENT	any accident involving a motor vehicle in transport (in motion, in readiness for motion, or on roadway, but not parked in a designated parking area) that results in death, injury or property damage.
MOTOR VEHICLE TRAFFIC ACCIDENT	a motor vehicle accident which occurs on a trafficway -- a way or place, any part of which is open to the use of the public for purposes of vehicular traffic.

MOTOR VEHICLE NONTRAFFIC ACCIDENT	any motor vehicle accident which occurrs entirely in any place other than a trafficway.
NEONATAL	of, relating to, or affecting the newborn and especially the human infant during the first month of life.
NEONATAL DEATH	live born infant who dies before completing four weeks (28 days) of life.
NEONATAL MORTALITY RATE	as used in this text, the number of deaths of infants under 28 days of age per 1,000 live births, per year.
NIGHT	(motor vehicle accident) is the time interval between sunset and sunrise.
NONFATAL INJURY ACCIDENT	an accident in which at least one person is injured and no injury terminates fatally.
NONMOTOR VEHICLE	any vehicle other than a motor vehicle, except a scooter, wheelchair, roller skates, ice skates, skis, baby carriage, and similar means of transportation; persons using these latter means of transportion are considered pedestrians.
OCCURRENCE DATA	data classified by place where event occurred, regardless of the person's place of residence (marriages, divorces).
OUTPATIENT ABORTION FACILITY	licensed health care facility other than a hospital in which abortion procedures are performed.
OUT-OF-WEDLOCK BIRTH	birth wherein there is no marital tie between mother and father.
PEDACYCLE	a vehicle propelled by human power and operated solely by pedals, excludes mopeds.
PEDESTRIAN	any person who is not in or upon a motor vehicle or non motor vehicle (see definition of motor vehicle) included as pedestrians are persons using a coaster wagon, child's tricycle, roller skates, etc. Excluded are persons boarding, alighting, jumping or falling from a motor vehicle in transport.

PERINATAL	of, relating to, or affecting the fetus and the newborn, especially the human infant during the first month of life.
PERINATAL MORTALITY RATE	number of deaths of infants less than 28 days of age (Neontal Deaths), and registered fetal deaths of 20 weeks or more gestation per 1,000 live births plus registered fetal deaths.
PERMANENT DISABILITY	(synonymous with permanent impairment) includes any degree of permanent impairment of the body, such as amputations, permanent impairment of vision and other permanently crippling nonfatal injury ranging from the permanent suffering of a joint or a finger amputation, to permanent, complete crippling.
PREMATURE BIRTHS	products of conception weighting less than five pounds, nine ounces (2,500 grams or less) at delivery or expulsion.
PROPERTY DAMAGE ACCIDENT	an accident which results in property damage, but in which no person is injured.
PROSTAGLANDIN	a class of drugs used to induce a second-trimester abortion; usually injected into the uterine cavity by a needle inserted through the abdominal wall or introduced as a vaginal suppository.
PUBLIC ACCIDENT	any accident other than motor-vehicle that occurs in the public use of any premises, includes deaths in recreation (swimming, hunting, etc.) transportation except motor-vehicle, public buildings, etc. and deaths from widespread natural disasters even though some may have happened on home premises. Excludes accidents to persons in the course of gainful employment.
RACE	(as relates to birth certificate) race for mother, father or as stated on the certificate. Race of child is determined from the race of the parents.

RACE-SPECIFIC MORTALITY RATE	number of deaths in a given race group per 100,000 estimated population in that ethnic group.
RATE	a rate measures the frequency of occurrences of some particular event. A rate is of the form: $\frac{x}{y} \times k$ Where x = number of times an event has occurred during a specific interval of time. y = number of persons exposed to the risk of the event during the same interval. k = some round number (100; 1,000; 10,000; 100,000; etc.) or base, depending upon the relative magnitude of x and y.
RESIDENCE	usual place of residence of person to whom event occurred. For births and fetal deaths, residence is defined as the mother's place of residence.
RURAL	(for motor vehicle reporting) includes places of less than 5,000 inhabitants, except those classified as urban by the U.S. Census Bureau.
SALINE INSTILLATION	second-trimester method of induced abortion usually performed at or after 16 weeks of pregnancy by instilling a concentrated salt solution into the amniotic sac by a needle inserted through the abdominal wall.
SECOND AND THIRD TRIMESTERS	pregnancy of 13 or more weeks as determined by the history given by the patient, the physician's findings or clinical examination of the size of the uterus before the abortion, and/or the size of the fetus as examined after the abortion (NJAC 8:40-4.1).
SEX-SPECIFIC MORTALITY RATE	number of deaths of males/females per 100,000 estimated males/females in the population.

SHARP CURETTAGE	dilation of cervix and removal of the product of conception by a semi-sharp spoon-shaped instrument.
SUCTION CURETTAGE	dilation of cervix and removal of the product of conception by a vacuum method.
SUICIDE	the act or an instance of taking one's own life voluntarily and intentionally.
TEMPORARY TOTAL DISABILITY	an injury which does not result in death or permanent disability, but which renders the injured person unable to perform regular duties on one or more full calendar days after the day of the injury.
TRIMESTERS	1st - first 12 weks of pregnancy 2nd - second 12 weeks of pregnancy 3rd - period after first 24 weeks of pregnancy
UNDERLYING CAUSE OF DEATH	that condition giving rise to the chain of morbid events leading to death, or the circumstances of the accident or violence that produced the fatal injury.
URBAN	(for motor vehicle reporting) includes place of 5,000 or more inhabitants, and the towns, townships and other areas classified as urban by the U.S. Census Bureau.
WORK HOURS	are the total number of hours worked by all employees. They are usually compiled for various levels, such as an establishment, a company or an industry. A work hour is the equivalent of one employee working one hour.
WORK INJURIES	(including occupational diseases) are those which arise out of and in the course of gainful employment regardless of where the accident occurrs. Excluded are work injuries to domestic servants and injuries occurring in connection with farm chores which are classified as home injuries.
WORKERS	are all persons gainfully employed, including owners, managers, other paid employees, the self-employed, and unpaid family workers, but excluding domestic servants.

Related Reports
1986

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

NEW JERSEY
STATE AND COUNTY POPULATION ESTIMATES
BY
AGE, SEX, AND RACE

JULY 1, 1986

These estimates should be used only for statistical purposes as applied to health data.

NOTE: These age, sex, and race levels were developed using the provisional Official State Estimates for July 1, 1986 which were released by the Department of Labor in September, 1987. The age, sex, and race levels contained in this report are not official estimates and are intended for statistical use by health professionals in computation of morbidity and mortality rates by age, sex, and race characteristics and in projecting ranges of "need".

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

NOTES ON DATA AND ESTIMATING METHOD
ESTIMATES BY AGE, SEX, AND RACE

The age, sex, and race estimates in this report were developed for Health Statistics Purposes Only. While these estimates are considered crude, they represent the only age, sex, and race data available for July 1, 1986. Using county controls, these estimates were generated through the Department of Labor's "Official State July 1, 1986 Population Estimates."[1] which include values for total population by county and residents aged 5 years and under, 5 through 17, 18 through 64, and 65 and over.

To generate the age, sex, and race proportionate shares for New Jersey and its 21 counties, linear interpolation was performed between the 1982 estimate values released by Richard Irwin at the U.S. Bureau of the Census, and the 1990 Population Projections information developed from ODEA Economic - Demographic Model prepared by the Department of Labor in November, 1986. These 1990 population projections did not present age, sex, and race information for Cape May, Hunterdon, Sussex, and Warren Counties because of small values, especially for the nonwhite population. To generate values included herein for Cape May, Hunterdon, Sussex, and Warren Counties, the Department of Labor provided the Health Department, with the unpublished projections of race and sex, with the understanding that the projection not be released, but reserved for internal use only.

While these estimates attempt to account for births, deaths, aging, and migration factors in the population through the use of linear interpolation between 1982 estimates and 1990 projections (as described above) and statistical control to 1986 provisional county estimates, they are only very crude estimates. They are, however, the only data available in the absence of any hard indicators of the population age distributions by race and sex that could be more accurately ascertained through use of administrative records (i.e., Medicare, school enrollment, driver's license registration, taxation, etc.). These crude estimates were generated and are intended for use only by health professionals for statistical purposes, such as computation of morbidity and mortality rates and health planning modelling of "need" for health care services by age, sex, and race at the county level.

Users should be aware that the 1986 county base population level used to generate these data may not agree with individual breakdowns and that county values may not add to state values because of rounding.

Footnotes:

[1] Provisional Population Estimates for New Jersey - July 1, 1986. (Official State Estimates) N.J. Department of Labor, Office of Demographic and Economic Analysis - September, 1987.

[2] New Jersey Revised Total and Age and Sex Population Projections for July 1, 1990. New Jersey Department of Labor, Office of Demographic and Economic Analysis - November, 1985.

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

NEW JERSEY 1986

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	499036	197597	187543	385140	57669	56227	113896	255266	243770
5-9	479085	191978	182841	374819	52890	51377	104267	244868	234217
10-14	525296	211510	201570	413079	56591	55626	112217	268101	257196
15-19	576962	234008	224923	458930	58021	60011	118031	292028	284934
20-24	615555	249447	247539	496986	54788	63781	118569	304235	311321
25-29	634447	258627	254348	512975	55676	65796	121472	314303	320144
30-34	627170	258524	255550	514073	50535	62562	113097	309058	318112
35-39	577343	237078	239779	476857	45289	55197	100486	282367	294975
40-44	503656	202665	213244	415909	40417	47330	87747	243082	260574
45-49	428043	173225	184448	357673	32780	37590	70370	206005	222038
50-54	395269	162845	175030	337875	26698	30696	57395	189543	205726
55-59	394145	164464	181216	345680	21939	26527	48465	186403	207743
60-64	382672	159142	183060	342202	17807	22663	40470	176949	205723
65-69	333186	132368	168835	301203	13416	18566	31983	145784	187401
70-74	259566	98059	139062	237122	8885	13559	22444	106944	152621
75-79	185279	63058	106970	170029	5695	9555	15250	68753	116526
80-84	112796	33938	70836	104774	2682	5340	8022	36620	76176
85+	90105	22128	61627	83755	1777	4573	6350	23906	66200
All ages	7620000	3050660	3278421	6329081	603554	686977	1290531	3654214	3965398

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POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

ATLANTIC 1986

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	13497	5139	4868	10008	1764	1726	3490	6903	6594
5-9	12571	4980	4660	9640	1459	1472	2931	6439	6132
10-14	13769	5448	5074	10522	1605	1642	3247	7052	6717
15-19	14851	5766	5484	11251	1796	1804	3601	7563	7289
20-24	15975	6315	6346	12661	1540	1775	3315	7855	8120
25-29	17832	7631	6968	14599	1396	1837	3233	9027	8806
30-34	18934	8627	7440	16066	1184	1684	2868	9811	9124
35-39	15126	6649	6117	12766	998	1362	2361	7647	7479
40-44	12259	5037	5131	10168	855	1236	2091	5892	6368
45-49	10102	3941	4281	8222	808	1072	1880	4749	5353
50-54	9668	3725	4168	7893	753	1023	1776	4478	5191
55-59	10116	3907	4487	8394	718	1004	1722	4625	5492
60-64	10783	4076	4989	9065	696	1022	1718	4772	6010
65-69	9621	3532	4706	8239	540	843	1382	4072	5549
70-74	7656	2607	3971	6578	376	703	1078	2982	4674
75-79	6168	1948	3335	5283	328	556	885	2276	3892
80-84	3972	1148	2273	3421	183	369	551	1331	2641
85+	3378	811	2075	2886	155	337	492	966	2412
All ages	206300	81286	86375	167661	17153	21467	38620	98438	107842

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

BERGEN 1986

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	44801	20083	19076	39159	2840	2802	5642	22923	21878
5-9	44060	19492	18563	38055	3082	2923	6005	22573	21487
10-14	50906	22561	21407	43969	3558	3379	6937	26120	24787
15-19	55848	25186	24051	49238	3242	3369	6610	28428	27420
20-24	62163	28102	27827	55929	2863	3371	6234	30965	31197
25-29	66871	30191	29312	59503	3431	3937	7368	33622	33249
30-34	66995	29721	29652	59373	3510	4112	7622	33231	33763
35-39	64470	27636	28078	55714	4151	4605	8756	31787	32683
40-44	58644	23896	25962	49858	4487	4299	8786	28383	30261
45-49	51880	21524	23937	45462	3356	3062	6418	24881	27000
50-54	50319	21711	24117	45828	2306	2184	4490	24017	26301
55-59	51079	22778	25241	48019	1500	1559	3059	24279	26800
60-64	49476	22104	25067	47171	1047	1258	2305	23151	26325
65-69	41783	17903	22022	39925	810	1047	1858	18713	23069
70-74	31834	12684	17840	30524	544	766	1309	13228	18606
75-79	22025	7860	13335	21196	293	536	829	8153	13872
80-84	13300	4110	8781	12691	138	271	409	4248	9052
85+	10465	2649	7530	10178	74	213	287	2723	7742
All ages	836900	360192	391799	751991	41233	43693	84926	401425	435492

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POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

BURLINGTON 1986

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	26900	11248	10729	21977	2511	2412	4923	13759	13141
5-9	25606	10703	10154	20858	2424	2324	4749	13128	12479
10-14	27963	11469	11068	22537	2792	2634	5426	14261	13702
15-19	32061	13646	11482	25128	3900	3034	6934	17546	14516
20-24	32535	12619	12410	25029	4384	3122	7506	17003	15532
25-29	32206	12157	13661	25817	3127	3262	6389	15283	16923
30-34	33316	14419	13503	27922	2392	3001	5393	16812	16504
35-39	31098	13566	12572	26138	2336	2624	4960	15902	15196
40-44	26864	11302	10947	22249	2293	2323	4615	13595	13270
45-49	22235	9343	9027	18370	1951	1913	3865	11295	10940
50-54	19635	8155	8234	16388	1686	1561	3247	9840	9795
55-59	18703	7863	8187	16050	1358	1296	2654	9221	9483
60-64	16880	7121	7898	15019	950	912	1862	8070	8810
65-69	13398	5607	6672	12279	538	581	1119	6144	7253
70-74	9491	3809	5023	8832	284	376	659	4092	5399
75-79	6270	2233	3637	5870	160	240	399	2393	3877
80-84	3863	1163	2474	3637	74	152	226	1237	2626
85+	3369	781	2413	3195	36	139	174	817	2552
All ages	382500	157203	160091	317294	33194	31906	65100	190397	191996

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POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

CAMDEN 1986

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	38097	14516	13759	28276	4981	4840	9821	19498	18599
5-9	35480	13586	12945	26532	4556	4393	8949	18142	17339
10-14	36821	14179	13663	27842	4563	4416	8979	18743	18079
15-19	37153	14551	14234	28785	4152	4217	8368	18703	18451
20-24	39139	15291	15790	31082	3599	4458	8057	18891	20248
25-29	42555	17073	16785	33858	3851	4846	8697	20924	21631
30-34	42136	17026	16593	33619	3690	4827	8517	20717	21419
35-39	37066	14774	15048	29822	3280	3964	7244	18054	19013
40-44	30971	12064	13018	25082	2660	3229	5889	14724	16247
45-49	25538	10112	10858	20969	2113	2456	4569	12224	13314
50-54	23474	9356	10365	19721	1724	2028	3752	11080	12393
55-59	23677	9686	10680	20365	1515	1797	3312	11201	12476
60-64	23084	9409	10929	20338	1235	1510	2745	10644	12439
65-69	20240	7917	9991	17909	1015	1316	2331	8932	11308
70-74	15749	5738	8291	14029	700	1020	1720	6438	9311
75-79	10646	3428	6127	9555	444	648	1092	3872	6775
80-84	6307	1721	4038	5759	195	354	548	1916	4392
85+	4864	1132	3254	4386	111	367	479	1243	3621
All ages	492900	191560	206368	397927	44384	50687	95071	235944	257055

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POPULATION ESTIMATES FOR COMPUTATION FOR HEALTH RATES ONLY

CAPE MAY 1986

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	6101	2853	2741	5594	251	256	507	3104	2997
5-9	5292	2413	2391	4805	244	243	487	2657	2635
10-14	5274	2477	2324	4800	238	235	474	2715	2559
15-19	6501	3222	2745	5967	263	270	533	3485	3015
20-24	6996	3354	3186	6540	179	276	456	3533	3463
25-29	7169	3452	3286	6738	176	255	432	3629	3541
30-34	7397	3734	3266	7000	182	215	397	3916	3481
35-39	6135	2967	2807	5775	174	186	360	3141	2994
40-44	4760	2164	2254	4419	169	172	341	2333	2426
45-49	3935	1737	1910	3647	124	164	288	1861	2074
50-54	3888	1699	1941	3640	97	150	247	1797	2091
55-59	4710	2061	2365	4426	113	170	284	2174	2536
60-64	5653	2426	2999	5425	105	123	228	2531	3122
65-69	5553	2295	3034	5329	89	135	224	2384	3169
70-74	5012	2041	2766	4808	82	122	204	2124	2888
75-79	3822	1407	2245	3652	73	98	170	1479	2343
80-84	2322	805	1429	2235	25	62	87	831	1491
85+	1697	480	1144	1624	28	44	72	509	1188
All ages	92200	41590	44835	86425	2613	3176	5790	44203	48011

MI-7

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

CUMBERLAND 1986

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	9794	3750	3579	7329	1243	1222	2465	4993	4801
5-9	9669	3768	3666	7434	1098	1136	2234	4867	4802
10-14	10708	4164	4088	8251	1231	1226	2457	5394	5314
15-19	11298	4488	4339	8828	1196	1275	2470	5684	5614
20-24	11119	4206	4542	8748	1128	1244	2372	5334	5786
25-29	11407	4453	4627	9080	1211	1116	2327	5664	5743
30-34	10389	4129	4411	8540	870	980	1850	4999	5390
35-39	9411	3760	4161	7921	665	824	1489	4425	4986
40-44	8248	3329	3704	7033	545	670	1215	3874	4374
45-49	7159	2881	3219	6099	472	588	1059	3352	3806
50-54	6659	2672	3057	5730	412	518	930	3084	3575
55-59	6566	2628	3110	5738	364	464	828	2993	3573
60-64	6556	2602	3178	5780	335	442	776	2937	3620
65-69	5890	2284	2998	5282	269	340	609	2552	3338
70-74	4594	1734	2422	4156	172	266	438	1906	2688
75-79	3379	1187	1882	3069	125	185	310	1312	2067
80-84	2052	637	1244	1881	59	113	172	695	1357
85+	1579	412	1011	1424	56	100	156	468	1111
All ages	136500	53084	59238	112322	11449	12707	24156	64532	71946

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

ESSEX 1986

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	56797	12879	12258	25137	16015	15645	31660	28894	27903
5-9	57313	13682	13058	26741	15522	15050	30572	29205	28108
10-14	62605	15212	14628	29841	16443	16322	32765	31655	30950
15-19	67023	16852	16323	33175	16380	17468	33849	33232	33791
20-24	72299	18452	18518	36970	15847	19482	35329	34299	38000
25-29	72264	18327	18045	36372	15981	19911	35892	34309	37956
30-34	67879	17795	18014	35808	13822	18249	32071	31617	36262
35-39	60650	16062	17080	33141	11733	15775	27508	27795	32855
40-44	53184	13987	15441	29428	10295	13461	23756	24282	28903
45-49	46376	12433	14041	26474	8592	11310	19902	21025	25351
50-54	43411	12457	13922	26379	7532	9500	17032	19989	23422
55-59	43012	13049	14984	28032	6543	8436	14979	19592	23420
60-64	40680	12773	15035	27808	5542	7330	12871	18315	22365
65-69	34622	10422	13895	24317	4223	6082	10305	14645	19977
70-74	26412	7673	11339	19012	2876	4524	7400	10548	15863
75-79	18984	4907	9031	13938	1805	3240	5046	6712	12272
80-84	11296	2719	5984	8703	840	1752	2593	3560	7736
85+	9098	1865	5257	7122	548	1428	1976	2413	6685
All ages	843900	221547	246854	468400	170540	204965	375505	392087	451819

MI-9

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

GLOUCESTER 1986

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	16800	7714	7390	15104	863	833	1696	8577	8223
5-9	15078	6911	6597	13508	794	777	1571	7705	7374
10-14	16214	7415	7159	14574	822	818	1640	8237	7977
15-19	17049	7609	7657	15266	862	921	1783	8471	8578
20-24	17402	7761	8052	15813	729	860	1589	8490	8912
25-29	18581	8674	8367	17040	671	870	1541	9345	9236
30-34	18267	8305	8368	16672	712	883	1594	9016	9250
35-39	15741	7092	7298	14390	614	736	1351	7706	8035
40-44	13659	6143	6251	12394	576	689	1265	6719	6939
45-49	11151	5077	5046	10123	466	562	1029	5543	5608
50-54	9993	4431	4610	9040	429	523	952	4859	5133
55-59	9699	4279	4561	8840	391	468	859	4670	5029
60-64	9240	3999	4433	8432	357	451	807	4356	4883
65-69	7875	3255	3900	7155	322	397	719	3578	4297
70-74	5775	2204	3034	5238	227	310	537	2432	3344
75-79	3862	1314	2180	3494	136	232	368	1450	2412
80-84	2355	711	1458	2169	70	117	187	781	1574
85+	1939	431	1339	1769	63	106	169	494	1445
All ages	210700	93324	97698	191022	9104	10552	19656	102428	108250

MI-10

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

HUDSON 1986

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	38000	13819	13003	26823	5644	5534	11177	19463	18537
5-9	36094	13319	12699	26017	5040	5037	10077	18359	17735
10-14	37598	14382	13548	27930	4856	4812	9668	19238	18360
15-19	40815	15597	15166	30764	4838	5213	10051	20436	20379
20-24	45777	18011	17711	35722	4630	5426	10056	22641	23136
25-29	47689	18551	18479	37030	5188	5471	10659	23739	23950
30-34	45440	17328	17824	35152	4865	5422	10288	22193	23247
35-39	40194	15308	15984	31292	4158	4745	8903	19465	20729
40-44	33963	12736	13774	26510	3479	3974	7453	16216	17747
45-49	28973	11169	12402	23572	2548	2853	5402	13718	15256
50-54	28350	11395	12704	24099	1938	2313	4251	13333	15017
55-59	28582	11685	13430	25115	1528	1939	3467	13213	15369
60-64	28237	11372	13858	25230	1291	1716	3007	12664	15573
65-69	24908	9464	12961	22425	988	1495	2483	10452	14456
70-74	19024	6761	10538	17298	668	1057	1726	7429	11595
75-79	13567	4326	8060	12386	413	767	1180	4740	8827
80-84	8040	2298	5152	7450	186	404	591	2484	5556
85+	6355	1513	4335	5847	128	380	508	1641	4714
All ages	551800	209034	231626	440661	52390	58557	110947	261425	290183

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

HUNTERDON 1986

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	6502	3286	3115	6401	49	52	101	3335	3166
5-9	6037	3059	2885	5944	35	59	94	3094	2944
10-14	6678	3409	3145	6554	35	89	124	3444	3233
15-19	8213	4196	3762	7958	172	83	255	4368	3846
20-24	8138	3991	3827	7818	227	93	320	4218	3920
25-29	6853	3387	3292	6678	94	81	174	3480	3372
30-34	7605	3753	3735	7488	42	76	118	3795	3810
35-39	8538	4115	4282	8396	64	77	141	4179	4359
40-44	8294	4004	4156	8161	70	64	134	4075	4220
45-49	6345	3189	3066	6255	50	40	90	3239	3106
50-54	5188	2583	2541	5123	33	31	64	2616	2572
55-59	4825	2486	2287	4774	24	27	51	2511	2314
60-64	3996	1972	1987	3959	16	22	37	1988	2008
65-69	3223	1490	1685	3175	19	29	48	1508	1715
70-74	2404	1038	1339	2377	14	13	27	1052	1352
75-79	1742	647	1072	1719	7	15	23	654	1087
80-84	1059	343	700	1043	7	9	15	350	708
85+	876	222	642	864	2	10	12	224	652
All ages	96500	47170	47516	94686	960	869	1829	48129	48386

MI-13

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

MERCER 1986

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	19397	6620	6340	12961	3255	3181	6436	9875	9522
5-9	18827	6686	6375	13061	2934	2831	5765	9620	9207
10-14	21279	7588	7440	15029	3039	3212	6251	10627	10652
15-19	28162	10769	10514	21283	3240	3639	6879	14009	14152
20-24	30515	12283	11289	23572	3195	3748	6943	15478	15037
25-29	27415	10353	10003	20356	3364	3695	7059	13717	13698
30-34	25190	9427	9727	19154	2740	3296	6035	12167	13023
35-39	23208	9018	9380	18398	2091	2719	4810	11109	12099
40-44	20453	8083	8448	16531	1649	2273	3922	9732	10721
45-49	17494	6848	7323	14172	1443	1880	3323	8291	9203
50-54	16309	6403	6865	13268	1308	1734	3042	7711	8598
55-59	16741	6533	7319	13853	1233	1656	2889	7766	8975
60-64	16804	6593	7662	14255	1092	1457	2549	7685	9119
65-69	14259	5301	6947	12248	839	1172	2011	6139	8120
70-74	10550	3761	5548	9308	508	734	1242	4268	6281
75-79	7556	2386	4338	6723	333	500	833	2719	4837
80-84	4574	1293	2854	4147	145	282	427	1438	3136
85+	3734	843	2572	3415	98	221	320	941	2793
All ages	322500	120789	130945	251734	32503	38230	70733	153292	169175

MI-14

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

MIDDLESEX 1986

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	39579	17226	16172	33398	3150	3032	6181	20375	19204
5-9	35596	15785	14923	30709	2489	2399	4888	18274	17322
10-14	41109	17968	16864	34832	3216	3061	6277	21184	19925
15-19	52332	22772	21682	44455	3892	3986	7878	26664	25668
20-24	60409	26424	25744	52169	3809	4431	8240	30233	30176
25-29	58000	25249	24644	49894	3916	4190	8106	29166	28835
30-34	55471	23498	23715	47214	3888	4370	8257	27386	28085
35-39	49138	20613	20946	41559	3678	3901	7579	24291	24847
40-44	41814	17383	18327	35710	3029	3075	6104	20412	21402
45-49	35382	15025	16017	31042	2273	2066	4340	17299	18083
50-54	33089	14563	15436	29999	1598	1492	3089	16161	16928
55-59	33253	14911	16066	30977	1103	1173	2275	16014	17239
60-64	31912	14341	15719	30060	828	1024	1852	15169	16743
65-69	26317	11213	13721	24934	562	821	1383	11775	14542
70-74	18899	7685	10239	17923	407	569	976	8092	10808
75-79	11995	4298	7101	11399	233	363	596	4531	7464
80-84	6694	2064	4353	6417	109	168	277	2173	4522
85+	5196	1309	3711	5019	50	126	176	1359	3837
All ages	636200	272329	285381	557710	38229	40247	78475	310557	325628

MI-15

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

MONMOUTH 1986

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	34997	15365	14737	30102	2548	2346	4894	17913	17083
5-9	35194	15594	14948	30542	2417	2234	4652	18011	17183
10-14	39135	17338	16765	34103	2561	2471	5032	19899	19236
15-19	39953	17839	17107	34946	2436	2571	5007	20275	19678
20-24	39289	17305	17396	34701	2061	2527	4588	19366	19923
25-29	42779	18948	19137	38085	2146	2549	4694	21093	21686
30-34	44590	20246	19879	40126	2009	2456	4465	22256	22335
35-39	43527	20056	19451	39508	1775	2245	4020	21831	21696
40-44	38312	17205	17439	34644	1667	2002	3668	18872	19441
45-49	32663	14505	14951	29457	1461	1745	3206	15967	16696
50-54	28833	12855	13210	26065	1273	1494	2767	14128	14704
55-59	27677	11980	13189	25169	1128	1381	2508	13107	14569
60-64	26736	11523	13042	24566	957	1214	2170	12480	14256
65-69	22525	9160	11683	20843	707	975	1682	9867	12658
70-74	17666	6885	9503	16388	495	782	1277	7380	10286
75-79	13097	4518	7689	12207	338	552	890	4856	8241
80-84	8388	2479	5399	7878	187	323	510	2666	5722
85+	7220	1759	5044	6804	124	292	416	1883	5336
All ages	542400	235562	250570	486132	26289	30159	56447	261851	280729

MI-16

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

MORRIS 1986

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	25701	12293	11676	23969	881	851	1732	13174	12527
5-9	25665	12156	11691	23847	932	887	1818	13087	12578
10-14	29050	13928	13214	27143	1000	908	1908	14928	14122
15-19	31618	14995	14692	29687	959	972	1931	15954	15664
20-24	32578	15323	15346	30669	884	1025	1909	16207	16371
25-29	36062	17324	16460	33784	1123	1155	2278	18447	17615
30-34	37934	18521	17165	35686	1063	1185	2248	19583	18351
35-39	36116	17067	16661	33728	1192	1196	2387	18259	17857
40-44	31507	14226	15090	29317	1106	1084	2190	15333	16174
45-49	27484	12750	13171	25921	810	753	1563	13560	13924
50-54	23435	11119	11250	22369	546	520	1067	11665	11770
55-59	21367	10249	10359	20608	359	399	758	10609	10758
60-64	18391	8644	9149	17793	273	324	598	8917	9474
65-69	14318	6230	7662	13892	183	243	426	6413	7905
70-74	10481	4175	6043	10218	101	161	263	4277	6204
75-79	7439	2583	4675	7259	63	117	180	2646	4792
80-84	4922	1376	3464	4840	21	60	82	1398	3524
85+	4541	985	3488	4473	11	57	68	996	3545
All ages	418500	193947	201257	395203	11507	11899	23405	205453	213155

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

OCEAN 1986

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	25701	12465	11808	24274	721	705	1427	13187	12514
5-9	24615	11929	11372	23302	666	648	1314	12596	12020
10-14	26374	12806	12205	25011	674	689	1363	13480	12894
15-19	26425	12762	12216	24978	750	697	1447	13512	12913
20-24	26407	12634	12455	25088	646	672	1319	13280	13127
25-29	27471	13271	13002	26273	587	611	1199	13858	13613
30-34	26556	12613	12928	25541	477	539	1015	13089	13467
35-39	25788	12260	12588	24847	416	525	941	12676	13112
40-44	23361	11041	11444	22485	401	476	877	11441	11920
45-49	18323	8586	8975	17561	341	421	762	8927	9396
50-54	15822	7340	7870	15210	297	315	612	7637	8185
55-59	16281	7204	8577	15781	235	266	501	7439	8843
60-64	19375	8230	10767	18997	170	208	378	8400	10974
65-69	24550	10163	14036	24199	139	211	351	10302	14248
70-74	25288	10523	14564	25087	83	117	201	10606	14682
75-79	20404	8250	11961	20211	93	99	193	8343	12061
80-84	12564	4826	7648	12474	39	51	90	4865	7699
85+	8305	2705	5544	8249	22	34	56	2727	5578
All ages	393600	179607	199960	379567	6759	7284	14043	186366	207244

M1-17

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

PASSAIC 1986

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	31896	12479	11809	24289	3795	3813	7608	16274	15622
5-9	31048	12334	11714	24048	3514	3487	7000	15848	15200
10-14	32705	12995	12352	25346	3605	3753	7358	16600	16105
15-19	35235	13641	13534	27176	3849	4210	8059	17491	17744
20-24	38853	15178	15447	30624	3587	4642	8229	18764	20089
25-29	40038	16312	15845	32157	3414	4467	7881	19726	20312
30-34	37405	15075	15487	30562	2921	3921	6843	17997	19408
35-39	33249	13553	14068	27621	2441	3187	5628	15994	17256
40-44	29019	11639	12371	24010	2226	2783	5010	13865	15155
45-49	24989	10007	10870	20878	1871	2240	4111	11879	13110
50-54	23319	9636	10411	20047	1527	1745	3272	11163	12155
55-59	23283	9784	10884	20668	1175	1439	2615	10960	12323
60-64	22782	9523	11179	20702	883	1197	2080	10406	12376
65-69	19574	7855	10134	17988	630	955	1585	8485	11089
70-74	14852	5690	8202	13892	327	633	960	6017	8835
75-79	10790	3629	6516	10145	242	403	645	3871	6919
80-84	6777	2007	4443	6451	96	231	327	2103	4674
85+	5709	1413	4053	5466	62	182	244	1475	4235
All ages	461500	182752	199317	382069	36165	43288	79453	218917	242605

MI-18

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

SALEM 1986

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	4705	1947	1810	3757	484	464	948	2431	2274
5-9	4822	1965	1841	3806	518	497	1015	2483	2339
10-14	5098	2149	1959	4108	510	480	990	2659	2439
15-19	5046	2079	1985	4064	480	502	982	2559	2487
20-24	4693	1931	1974	3905	342	447	788	2273	2420
25-29	5033	2125	2158	4283	322	429	751	2447	2587
30-34	5001	2109	2143	4252	329	421	749	2438	2564
35-39	4712	2018	2057	4075	291	346	637	2309	2403
40-44	4142	1793	1814	3607	228	308	536	2021	2122
45-49	3506	1495	1549	3044	211	251	462	1706	1800
50-54	3321	1399	1472	2870	191	260	451	1589	1732
55-59	3311	1344	1517	2862	201	249	450	1546	1766
60-64	3307	1321	1557	2878	183	245	429	1505	1802
65-69	3049	1196	1456	2653	170	226	396	1366	1683
70-74	2321	858	1164	2022	133	166	299	991	1330
75-79	1631	569	858	1427	89	115	205	658	973
80-84	983	292	564	856	48	79	127	341	643
85+	824	198	524	722	35	67	102	233	591
All ages	65500	26790	28400	55190	4764	5552	10316	31554	33952

MI-19

MI-20

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

SOMERSET 1986

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	12997	5818	5613	11431	797	768	1565	6615	6382
5-9	12668	5644	5410	11055	827	786	1613	6472	6196
10-14	14216	6358	6091	12449	977	789	1766	7335	6880
15-19	15008	6973	6581	13554	725	729	1454	7698	7310
20-24	15887	7360	7116	14476	634	777	1411	7994	7893
25-29	18471	8629	8038	16667	775	1029	1804	9404	9067
30-34	19838	9418	8520	17939	857	1043	1900	10275	9563
35-39	18274	8176	8069	16244	947	1083	2030	9122	9152
40-44	15399	6689	7039	13727	827	845	1672	7516	7884
45-49	13645	6008	6441	12450	604	591	1196	6613	7033
50-54	12742	5858	6047	11905	430	407	837	6288	6454
55-59	12192	5678	5834	11512	324	356	680	6002	6190
60-64	10866	5091	5260	10351	231	284	515	5322	5544
65-69	8310	3680	4259	7939	186	185	371	3866	4444
70-74	5892	2386	3275	5661	102	129	231	2488	3404
75-79	4014	1360	2493	3853	55	106	161	1416	2599
80-84	2536	727	1709	2436	37	63	100	764	1772
85+	2244	505	1667	2172	26	46	72	531	1713
All ages	215200	96358	99463	195821	9362	10016	19378	105721	109479

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

SUSSEX 1986

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	10200	5170	4904	10074	61	65	126	5231	4969
5-9	9242	4697	4404	9101	69	72	141	4766	4476
10-14	9847	5012	4705	9718	74	55	129	5087	4760
15-19	10751	5285	5325	10610	91	51	142	5376	5376
20-24	10109	5107	4889	9997	67	45	112	5174	4935
25-29	7897	3877	3956	7833	37	27	64	3914	3983
30-34	9389	4457	4835	9292	39	58	97	4496	4893
35-39	11400	5447	5816	11262	60	78	138	5506	5894
40-44	10140	5027	4988	10015	62	63	125	5089	5051
45-49	7167	3696	3390	7086	42	39	81	3738	3429
50-54	5337	2694	2595	5289	26	22	48	2720	2618
55-59	4991	2501	2448	4949	24	18	42	2525	2466
60-64	4534	2187	2323	4510	14	10	24	2201	2333
65-69	3867	1742	2117	3858	3	6	9	1744	2123
70-74	3077	1301	1765	3065	5	7	12	1306	1772
75-79	2248	858	1380	2238	2	8	10	860	1388
80-84	1425	473	946	1419	2	4	6	475	950
85+	1288	317	965	1282	2	4	6	319	969
All ages	122800	59847	61751	121598	679	632	1311	60526	62383

MI-21

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

UNION 1986

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	30204	10716	10102	20818	4762	4624	9386	15478	14726
5-9	28958	10451	9884	20335	4386	4236	8623	14838	14120
10-14	32197	11594	10945	22538	4903	4755	9658	16497	15700
15-19	34945	12607	12332	24939	4891	5115	10006	17498	17447
20-24	38621	14304	14184	28488	4586	5547	10133	18890	19731
25-29	41319	15291	14790	30081	5000	6237	11238	20291	21028
30-34	40636	14895	14758	29653	5016	5966	10982	19911	20724
35-39	36833	13554	13887	27441	4269	5122	9392	17823	19010
40-44	32733	11918	12607	24525	3825	4383	8207	15743	16990
45-49	29118	10571	11635	22206	3257	3656	6912	13828	15291
50-54	28185	10692	11945	22637	2612	2937	5549	13303	14882
55-59	29506	11573	13288	24861	2153	2492	4645	13727	15780
60-64	29058	11771	13671	25443	1640	1975	3616	13412	15647
65-69	25407	9916	12707	22623	1201	1583	2784	11117	14290
70-74	19315	7135	10258	17393	805	1118	1922	7940	11375
75-79	13386	4491	7634	12125	470	792	1261	4961	8426
80-84	7940	2279	4969	7248	219	473	692	2498	5442
85+	6249	1514	4187	5701	140	409	548	1654	4595
All ages	504700	185273	203783	389056	54134	61421	115555	239407	265204

MI-22

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

WARREN 1986

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	5902	2973	2817	5790	57	55	112	3030	2872
5-9	5556	2807	2644	5450	54	51	105	2861	2695
10-14	6108	3051	2921	5972	61	74	135	3112	2996
15-19	7014	3132	3695	6827	92	95	187	3225	3789
20-24	6900	3391	3404	6795	39	67	106	3430	3470
25-29	6516	3124	3317	6441	42	33	75	3166	3350
30-34	6580	3146	3332	6478	46	56	101	3192	3388
35-39	6706	3228	3391	6619	36	51	87	3264	3442
40-44	5976	2924	2955	5879	41	56	97	2965	3011
45-49	4520	2223	2204	4428	44	49	93	2267	2253
50-54	4151	1969	2100	4069	31	50	82	2000	2151
55-59	4407	2112	2243	4355	24	27	52	2137	2270
60-64	4275	1953	2280	4233	20	22	42	1973	2302
65-69	3973	1701	2214	3915	24	34	58	1725	2248
70-74	3284	1325	1930	3254	6	23	29	1331	1953
75-79	2248	817	1407	2224	9	15	24	827	1421
80-84	1393	444	928	1372	4	17	21	448	945
85+	1105	266	824	1091	4	10	14	271	835
All ages	86600	40588	44607	85195	635	785	1420	41222	45392

HOSPITALIZATION

1984-1985

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

HOSPITALIZATION IN NEW JERSEY

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CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

HOSPITALIZATION IN NEW JERSEY

Overview

All acute care, general and specialty hospitals are required by regulation to submit patient care information to the NJ/DOH in hospital discharge abstract form annually. These data are combined and edited; incomplete or inaccurate records are returned to the hospitals for correction. Thus, processing times required to assemble these data delay the reporting of this information for up to 18 months. The results provided in this section will lag by one year other data presented in the Health Statistics report. Thirteen items from the discharge abstracts are covered below. Information about seven other items may be obtained by contacting the Center for Health Statistics. Data for two calendar years are presented for comparison purposes.

Total Discharges

During calendar year 1985, there was a total of 1,258,083 discharges of patients from licensed New Jersey hospitals. This was a slight increase of 1.4% over 1984. It should not be assumed, however, that total discharges represent only one admission per patient. Patients are sometimes readmitted because of complications that arise after discharge or because of a different illness. Of the total discharges, 947,016 or 75.3% represent one admission and discharge for each patient. This was a slight increase of 0.2% over 1984. Readmissions associated with a different diagnosis numbered 237,459 cases or 18.9% of all discharges in 1985, up 6.4% from 1984. On the other hand, 5.9% or 73,608 cases in 1985 were readmissions with the same principal diagnosis - up 2.2% from the 1984 level.

Referral Source

The question has often been asked--How do patients get into a hospital (by type of referral source)? The principal method is by direct physician's referral. This represented 56.43% of all cases in 1985, compared to 63.7% for 1984. The second highest referral source was through the emergency room--30.1% for 1985 as compared to 31.3% for 1984.

Admission Class

There was virtually no change in proportion from 1984 to 1985 in Admission Class - the circumstances under which the patient entered the hospital. Emergency and Urgent represented 49.7% - a decrease of 2.9% from 1984 with Elective showing 50.3% - a decrease of 3.0% from 1984.

Sex

Of the total 1,258,083 discharges during 1985, 41.9% were of male patients and 58.1% of female. The ratio of female to male requiring hospitalization has always been higher for women because of maternity admissions. The difference between 1984 and 1985 is not significant with the ratios approximately at the same level.

Race

Looking at patients with regard to race we find that white had the highest percentage with 75.5% and black reporting 14.9%. Hispanics were counted at 6.3%. None of the other race categories registered above the 1% level.

Age

A complete breakdown has been tabulated for each individual age. However, to give a better overview an age cohort grouping for 5-year intervals was made for comparison purposes. A review of the ages based on five year groups indicates that the 5 and under group, which includes infants, presents the highest percentages (12.5%). Table 1 exhibits a slight but distinct shift toward increasing hospitalizations of older persons from 1984 to 1985, as well as the characteristic maternity use rate rise for the ages 20 through 40.

Primary Services

Of the 99 designated classifications of clinical services provided for hospitals the NJ/DOH has mapped them into 10 major primary service groupings. This mapping or grouping permits comparisons in like categories, i.e., Medicine, Surgery, etc. In comparing the 1984 data with the 1985 we find a slight difference between some of the categories but they remain at approximately the same level for all practical purposes. Newborn was one area to show a major decrease going from 5.4% in 1984 to 2.9% in 1985. Orthopedics was the other with a significant decrease going from 6.1% in 1984 to 5.4% in 1985. Medicine represented 44.1%; followed by Surgery, 21.7% and Gynecology, 5.5%. Pediatrics accounted for 8.3%, Psychiatry, 1.9%, Obstetrics, 9.5%, and Dental, 0.6%.

Discharge Status

During 1985, the largest majority of patients were routinely discharged, 92.1%. Transfers to another facility or institution represented 3.9%. There were, however, 1.1% that left against medical advice. Discharge status listed as expired was reported at approximately the same level of 2.8% as recorded for 1982.

Transfer Destination

When a patient is discharged they either go home, expire, or are referred to another facility. By far the majority of patients, about 96.3%, are recorded with no transfer destination, indicating that they have gone home. This was true for 1985 which showed a slight decrease for the 1984 figure of 96.8%. Long Term Care facilities, the second highest group, represented approximately 1.5% as opposed to 1.3 in 1984 with Other Acute Care Facilities at 1.0% (12,596), an increase from the 1984 total of 10,998 or 0.9%. Likewise Home Health Agencies indicated only about one-half of a percentage (5,667) for 1985, an increase from the 1984 level of 4,870 or .4%.

Primary Payor

The financial health of the hospital sector is determined to a great extent by who is paying for health services. Each third party payor has a unique schedule of reimbursement--in terms of what type of care is covered, the proportion of charges covered and the speed with which reimbursement occurs. Blue Cross had the largest number of people enrolled who used hospitals in 1985 at 32.6%, with Medicare running second at 28.9%. Commercial (or private) insurance companies were third with 14.6% and Medicaid fourth with 9.5%.

Principal Causes for Hospitalization

In 1985 the four principal causes for hospitalization were single live births (99,098), delivery in a normal case (26,266), cataract (23,612), and heart failure (21,530). In 1985 the fifth and sixth causes, namely other acute and subactue forms of ischemic heart disease (20,877) and acute myocardial infarction (18,330) remained unchanged. Therefore, the rank order of the first six principal causes of hospitalization was the same as in 1984, except for the reversal of third and fourth places. Other and unspecified after care was in seventh place in 1985. This caused Hernia (17,431) to drop to eighth place in 1985. Of the top ten principal causes for hospitalization in 1984 all made the 1985 top ten ranking.

TABLE-1
NEW JERSEY 1985 DISCHARGE ABSTRACTS
STATEWIDE ABSOLUTE AND RELATIVE VALUES

	ABSOLUTE FREQUENCY	RELATIVE FREQUENCY
TOTAL DISCHARGES	1,258,083	100.00
READMISSIONS		
Total Discharges	1,258,083	100.00
One Admission	947,016	75.27
Readmission	237,459	18.87
Readmiss-Same DX1	73,608	5.86
TOTAL PATIENT DAYS	8,114,941	100.00
Acute Care Unit Days	7,294,652	89.89
ADMISSION CLASS	1,258,083	100.00
Emergency & Urgent	625,562	49.72
Elective	632,521	50.28
SEX	1,258,083	100.00
Male	526,613	41.86
Female	731,470	58.14
RACE	1,258,083	100.00
White	949,927	75.51
Black	187,710	14.92
Asian	8,453	0.67
American Indian	1,005	0.08
Hispanic	78,744	6.26
Other	32,244	2.56

	ABSOLUTE FREQUENCY	RELATIVE FREQUENCY
AGE GROUPS	1,258,083	100.00
Under 5	157,563	12.52
5-9	21,967	1.75
10-14	21,067	1.67
15-19	57,379	4.56
20-24	87,082	6.92
25-29	103,929	8.26
30-34	89,327	7.10
35-39	70,329	5.59
40-44	56,826	4.52
45-49	52,224	4.15
50-54	57,911	4.60
55-59	69,629	5.53
60-64	80,534	6.40
65-69	83,598	6.64
70-74	81,609	6.49
75-79	70,074	5.57
80-84	52,669	4.19
85+	44,366	3.53
TRANSFER DESTINATION	1,258,083	100.00
Other Acute Care	12,596	1.00
Long Term Care	18,452	1.47
Home Health Agency	5,667	0.45
Rehabilitation	2,749	0.22
Psychiatric	4,024	0.32
Intermediate Care	2,682	0.21
Other	1,211,905	96.33

TABLE-1 (Continued)

	ABSOLUTE FREQUENCY	RELATIVE FREQUENCY
PRIMARY SERVICE	1,258,083	100.00
Medicine	555,187	44.13
Surgery	273,494	21.74
Obstetrics	119,796	9.52
Gynecology	69,267	5.51
Pediatrics	104,011	8.27
Newborn	36,832	2.93
Psychiatric	24,049	1.91
Orthopedics	67,801	5.39
Dental	7,613	0.61
Invalid	33	0.00
REFERRAL SOURCE	1,258,083	100.00
Thru Emergency Room	378,717	30.10
Private Physician	709,932	56.43
Outpatient	30,192	2.40
Other Acute Care	6,214	0.49
Long Term Care	9,630	0.77
Rehabilitation	539	0.04
Home Health Agency	14,291	1.14
Other	108,568	8.63
PROCEDURES		
TOTAL	2,150,898	100.00
SURGICAL	1,288,265	59.89
NON-INVASIVE	862,633	40.11

	ABSOLUTE FREQUENCY	RELATIVE FREQUENCY
PRIMARY PAYER	1,222,621	100.00
Self-Pay	103,282	8.45
Blue Cross	398,637	32.63
Commercial	177,868	14.56
Workman's Comp.	21,639	1.77
Medicaid	115,522	9.46
Medicare	353,393	28.93
Title V	922	0.08
Other Government	12,457	1.02
No Charge	10,490	0.86
Other	27,411	2.24
DISCHARGE STATUS	1,258,083	100.00
Route	1,158,448	92.08
Against Medical Advise	13,876	1.10
Transfer	49,536	3.94
Expired - No Autopsy	34,205	2.72
Expired - Autopsy	2,018	0.16

TABLE-2
NEW JERSEY 1984 DISCHARGE ABSTRACTS
STATEWIDE ABSOLUTE AND RELATIVE VALUES

	ABSOLUTE FREQUENCY	RELATIVE FREQUENCY
TOTAL DISCHARGES	1,240,202	100.00
READMISSIONS		
Total Discharges	1,240,202	100.00
One Admission	945,030	76.20
Readmission	223,168	17.99
Readmiss-Same DX1	72,004	5.81
TOTAL PATIENT DAYS	8,598,769	100.00
Acute Care Unit Days	7,801,537	90.73
ADMISSION CLASS	1,240,202	100.00
Emergency & Urgent	634,808	51.19
Elective	605,313	48.81
SEX	1,240,202	100.00
Male	514,526	41.49
Female	725,676	58.51
RACE	1,240,202	100.00
White	1,125,831	90.78
Black	74,409	6.00
Asian	10,774	0.87
American Indian	1,692	0.14
Other	27,496	2.22

	ABSOLUTE FREQUENCY	RELATIVE FREQUENCY
AGE GROUPS	1,240,202	100.00
Under 5	152,441	12.29
5-9	22,736	1.83
10-14	22,902	1.85
15-19	57,742	4.66
20-24	87,054	7.02
25-29	100,920	8.14
30-34	85,837	6.92
35-39	67,199	5.42
40-44	54,923	4.43
45-49	52,217	4.21
50-54	59,154	4.77
55-59	70,748	5.70
60-64	80,493	6.49
65-69	81,794	6.60
70-74	80,216	6.47
75-79	68,145	5.49
80-84	49,521	3.99
85+	46,160	3.72
TRANSFER DESTINATION	1,240,202	100.00
Other Acute Care	10,993	0.89
Long Term Care	16,241	1.31
Home Health Agency	4,870	0.39
Rehabilitation	2,048	0.17
Psychiatric	3,341	0.27
Intermediate Care	2,093	0.17
Other	1,200,614	96.81

TABLE-2 (Continued)

	ABSOLUTE FREQUENCY	RELATIVE FREQUENCY
PRIMARY SERVICE	1,240,202	100.00
Medicine	500,721	40.37
Surgery	266,500	21.49
Obstetrics	120,776	9.74
Gynecology	72,592	5.85
Pediatrics	89,155	7.19
Newborn	67,487	5.44
Psychiatric	23,949	1.93
Orthopedics	75,523	6.09
Dental	8,400	0.68
Invalid	15,099	1.22
REFERRAL SOURCE	1,240,202	100.00
Thru Emergency Room	381,125	30.73
Private Physician	790,873	63.77
Outpatient	33,803	2.73
Other Acute Care	16,421	1.32
Long Term Care	7,684	0.62
Rehabilitation	544	0.04
Home Health Agency	8,332	0.67
Intermediate Care	1,420	0.11
PROCEDURES		
TOTAL	1,946,910	100.00
SURGICAL	1,197,159	61.49
NON-INVASIVE	749,751	38.51

	ABSOLUTE FREQUENCY	RELATIVE FREQUENCY
PRIMARY PAYER	1,217,300	100.0
Self-Pay	94,711	7.78
Blue Cross	410,308	33.71
Commercial	173,405	14.25
Workman's Comp.	18,363	1.51
Medicaid	117,127	9.62
Medicare	351,904	28.91
Title V	594	0.05
Other Government	12,719	1.04
No Charge	8,028	0.66
CONSULTATION SERVICE	1,240,202	100.00
Medicine	223,168	17.99
Surgery	72,004	5.81
Obstetrics	2,988	0.24
Gynecology	5,950	0.48
Pediatrics	6,554	0.53
Newborn	425	0.03
Psychiatrics	10,170	0.82
Orthopedics	15,212	1.23
Dental	1,206	0.10
Blank	902,525	72.77
DISCHARGE STATUS	1,240,202	100.00
Routine	1,144,227	92.26
Against Medical Advise	13,262	1.07
Transfer	47,428	3.82
Expired - No Autopsy	32,858	2.65
Expired - Autopsy	2,427	0.20

TABLE-3
NEW JERSEY
TOP 40 PRINCIPAL CAUSES FOR HOSPITALLIZATION
1984-1985

ICD CODE	PRINCIPAL CAUSE	TOTAL	
		1984	1985
V30	Single Liveborn	94,614	99,098
650	Delivery in a Normal Case	27,111	26,266
366	Cataract	21,126	23,612
428	Heart Failure	22,695	21,530
411	Other Acute and Subacute Forms of Ischemic Heart Disease	18,308	20,877
410	Acute Myocardial Infarction	18,182	18,330
V58	Other and Unspecified After Care	15,146	17,891
550	Inguinal Hernia	17,694	17,431
486	Pneumonia, Organism Unspecified	15,722	15,662
493	Asthma	16,438	15,628
780	General Symptoms	14,697	15,288
427	Cardiac Dysrhythmias	14,619	14,502
786	Symptoms Involving Respiratory System & Chest Symptoms	12,331	14,163
574	Cholelithiasis	14,714	13,828
558	Other Noninfectious Gastroenteritis and Colitis	14,028	12,879
626	Disorders of Menstruation & Other Abnormal Bleeding	12,921	12,195
635	Legally Induced Abortion	11,745	11,700
250	Diabetes Melitus	14,062	11,008
600	Hyperplasia of Prostate	10,177	10,573
850	Concussion	10,489	10,525
664	Trauma to Perineum and Vulva During Delivery	9,705	10,387
414	Other Forms of Chronic Ischemic Heart Disease	9,467	10,272
722	Intervertebral Disc Disorders	9,963	10,223
474	Chronic Disease of Tonsils and Adenoids	10,082	10,063
634	Spontaneous Abortion	9,697	10,038
V25	Contraceptive Management	9,663	9,889
654	Abnormality of Organs and Soft Tissues of Pelvis	9,282	9,805
592	Calculus of Kidney and Ureter	9,204	9,458
644	Early or Threatened Labor	8,023	8,997
413	Angina Pectoris	9,520	8,594
466	Acute Bronchitis and Bronchiolitis	8,255	8,525
218	Uterine Leiomyoma	7,904	8,279
663	Umbilical Cord Complications	7,159	8,082
434	Occlusion of Cerebral Arteries	6,460	8,055
682	Other Cellulitus and Abscess	7,555	7,947
656	Other Fetal and Placental Problems Affecting Managment of Mother	6,900	7,820
599	Other Disorders of Urethra and Urinary Tract	7,302	7,645
295	Schizophrenic Disorders	7,090	7,527
296	Affective Psychoses	6,629	7,521
276	Disorders of Fluid, Electrolyte, and Acid-Base Balance	6,453	7,474
303	Alcohol Dependence Syndrome	5,871	7,406

TABLE-4
NEW JERSEY
TOP 40 PRINCIPAL CAUSES FOR HOSPITALLIZATION
1983-1984

ICD CODE	PRINCIPAL CAUSE	TOTAL 1983	TOTAL 1984
V30	Single Liveborn	92,789	94,614
650	Delivery in a Normal Case	29,594	27,111
428	Heart Failure	21,615	22,695
366	Cataract	18,492	21,126
411	Other Acute and Subacute Forms of Ischemic Heart Disease	15,959	18,308
410	Acute Myocardial Infarction	17,974	18,182
550	Inguinal Hernia	17,442	17,694
493	Asthma	15,280	16,438
486	Pneumonia, Organism Unspecified	15,794	15,722
V58	Other and Unspecified After Care	13,532	15,146
574	Cholelithiasis	14,152	14,714
780	General Symptoms	13,160	14,697
427	Cardiac Dysrhythmias	14,192	14,619
250	Diabetes Melitus	14,947	14,062
558	Other Noninfectious Gastroenteritis and Colitis	13,445	14,028
626	Disorders of Menstruation & Other Abnormal Bleeding	13,764	12,921
786	Symptoms Involving Respiratory System & Chest Symptoms	10,307	12,331
635	Legally Induced Abortion	11,695	11,745
850	Concussion	10,208	10,489
600	Hyperplasia of Prostate	9,790	10,177
474	Chronic Disease of Tonsils and Adenoids	10,689	10,082
722	Intervertebral Disc Disorders	9,482	9,963
664	Trauma to Perineum and Vulva During Delivery	9,718	9,705
634	Spontaneous Abortion	9,458	9,697
V25	Contraceptive Management	9,958	9,663
413	Angina Pectoris	9,345	9,520
414	Other Forms of Chronic Ischemic Heart Disease	11,068	9,467
654	Abnormality of Organs and Soft Tissues of Pelvis	8,619	9,282
592	Calculus of Kidney and Ureter	9,214	9,204
466	Acute Bronchitis and Bronchiolitis	8,716	8,255
535	Gastritis and Duodenitis	8,336	8,160
218	Uterine Leiomyoma	8,170	7,904
435	Transient Cerebral Ischemia	7,987	7,831
724	Other and Unspecified Disorders of Back	7,543	7,801
295	Schizophrenic Disorders	7,007	7,090
162	Malignant Neoplasm of Trachea, Bronchus, and Lung	7,309	6,820
296	Affective Psychoses	5,959	6,629
303	Alcohol Dependence Syndrome	5,946	5,871
436	Acute, but Ill-Defined, Cerebrovascular Disease	6,910	5,734
669	Other Complications of Labor and Delivery	6,818	5,668

Suicides
1986

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Suicides
1986

BACKGROUND

Durkheim (1951) was the first social researcher to do an in-depth study of social factors which affect risk of suicide. He observed that suicide rates were higher among Protestants than Catholics, higher among the divorced than among the married, and higher during periods of political lethargy than during crisis. Later Dublin (1963) pointed out that older white males, urban dwellers, and the divorced and widowed had markedly elevated risks of suicide. In Dublin's own words: "We have seen that certain environmental factors - economic conditions, city life, religious affiliations, social customs, and laws and traditions - influence the prevalence of suicide. It also differs markedly in various groups of the world's population with relatively high rates in some areas, low rates in others, and striking differences in the two sexes, in the several age periods, and in the principal races into which mankind is divided."

New Jersey had the lowest suicide rate of any state in the nation in 1980 according to the Centers for Disease Control Suicide Surveillance report issued March 1985: 7.4* suicide deaths per 100,000 population in New Jersey compared to the highest in Nevada (22.9 per 100,000) population. New Jersey's suicide rate has increased by 14.9% in the seven year period 1980 to 1986 to a rate of 8.7 per 100,000 population in 1986.

A Youth Suicide Prevention Act (N.J.P.L. 1985, Chapter 195, also N.J.S.A. 30:9A-12) established suicide intervention programs in the schools and crisis intervention programs for adolescents and their families. Information on services available may be obtained from:

Maureen Underwood
Coordinator
Adolescent Suicide Prevention Project
Division of Mental Health and Hospitals
Department of Human Services
CN 700
Trenton, New Jersey 08625-0700
(609) 987-0890

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*New Jersey official statistics show a suicide rate of 7.8 per 100,000 population in 1980.

INTRODUCTION

Suicide is a serious public health problem, but less so in New Jersey than nationally. In 1980 suicide was the 13th ranking cause of death in New Jersey (among persons of all ages) and the 10th ranking cause of death nationally. In 1986 suicide ranked as the 11th leading cause of death in New Jersey and the 8th leading cause of death nationally. While suicide is a concern at every age (beyond 1 year) its rank as a leading cause of death is highest among New Jerseyans aged 15-24, where it is listed as the third leading cause of death. Suicide drops steadily as a leading cause of death from increasing ages to 20th place for persons above age 65 (Table 1) in New Jersey.

New Jersey's rate of suicides per 100,000 population has risen from 7.8 to 8.7 between 1980 and 1986, but New Jersey's suicide rate is far below that of the U.S.: 13.1 per 100,000 persons in 1986 (Figure 1 and Table 2).

White males consistently have the highest suicide rates of any race and sex category (Figure 2 and Table 3). Nonwhite males have the second highest rates, followed by white females and nonwhite females. Rates have risen in all four race-sex groups over the period from 1980 to 1986. However, the rate for nonwhite males after rising from 8.1 per 100,000 persons to 11.5 in 1985 dropped to 7.1 in 1986.

Leading Causes of Death
By Age Group for New Jersey Residents
1986

	Age Group					
Rank	1-14	15-24	25-44	45-64	65+*	Total**
1	Accidents 156	Accidents 411	Malignant Neoplasms 712	Malignant Neoplasms 5,073	Heart Diseases 22,516	Heart Diseases 27,601
2	Malignant Neoplasms 58	Homicide 118	Accidents 710	Heart Diseases 4,462	Malignant Neoplasms 11,092	Malignant Neoplasms 17,000
3	Congenital Anomalies 48	Suicide 102	Heart Diseases 530	Cerebrovascular Diseases 531	Cerebrovascular Diseases 3,703	Cerebrovascular Diseases 4,372
4	Heart Diseases 18	Malignant Neoplasms 63	Suicide 262	Chronic Liver Diseases and Cirrhosis 437	Pneumonia and Influenza 1,905	Pneumonia and Influenza 2,237
5	Symptoms, Signs and Ill-Defined Conditions 14	Heart Diseases 38	Homicide 214	Accidents 345	Diabetes Mellitus 1,054	Accidents 2,176
6	Homicide 13	Symptoms, Signs and Ill-Defined Conditions 25	Chronic Liver Diseases and Cirrhosis 177	Diabetes Mellitus 331	Septicemia 783	Diabetes Mellitus 1,454
7	Infectious and Parasitic Diseases 10	Infectious and Parasitic Diseases 15	Infectious and Parasitic Diseases 165	Pneumonia and Influenza 188	Nephritis and Nephrosis 726	Chronic Liver Diseases and Cirrhosis 1,012
8	Suicide 9	Cerebrovascular Diseases 11	Cerebrovascular Diseases 120	Suicide 160	Artery, Arterioles and Capillary 592	Septicemia 991
9	Septicemia 7	Congenital Anomalies 8	Pneumonia and Influenza 114	Septicemia 136	Atherosclerosis 572	Nephritis and Nephrosis 894
10	Benign and Unspecified Neoplasms 7	Pneumonia and Influenza 7	Symptoms, Signs and Ill-Defined Conditions 96	Nephritis and Nephrosis 129	Accidents 538	Artery, Arterioles and Capillary 726
11	Pneumonia and Influenza 6	Septicemia 6	Diabetes Mellitus 66	Artery, Arterioles and Capillary 114	Chronic Liver Diseases and Cirrhosis 395	Suicide 662
12	***	***	Septicemia 45	Emphysema 80	Emphysema 376	Atherosclerosis 626
Residual****	78	115	1,113	1,689	6,604	11,548
Total Deaths	424	919	4,324	13,675	50,856	71,299

* Suicides are the 18th ranking cause of death among those persons aged 65 and above with 127 deaths from suicide in that age group.

** Excludes persons 1 year of age and persons of unknown age.

*** Ranking 12 not shown for young age groups because of small number of cases in categories.

**** Deaths from all other causes.

TABLE-2

NUMBER OF DEATHS FROM SUICIDE FOR NEW JERSEY AND SUICIDE RATES* FOR NEW JERSEY AND THE UNITED STATES: 1980-1986

	NEW JERSEY		UNITED STATES
YEAR	Number	Rate	Rate
1980	576	7.8	11.9
1981	554	7.4	12.3
1982	605	8.1	12.0
1983	572	7.7	12.4
1984	650	8.6	12.3
1985	672	8.9	12.0
1986	662	8.7	13.1

*Rate per 100,000 population.

Figure 1

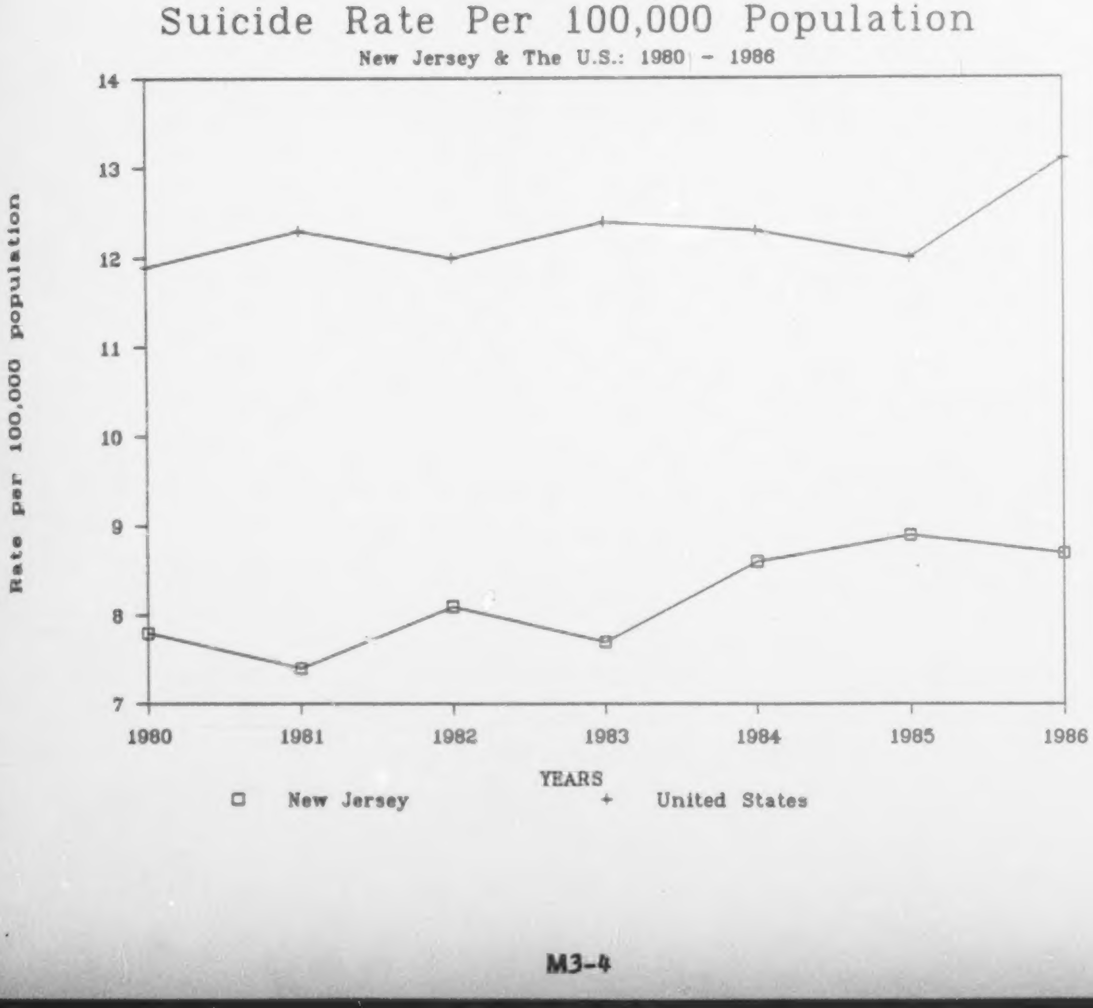


TABLE-3

NUMBER AND RATE* OF DEATHS FROM SUICIDE FOR NEW JERSEY RESIDENTS 1980-1986

YEAR	WHITE				NONWHITE				TOTAL			
	Male		Female		Male		Female		Male		Female	
	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate	N	Rate
1980	413	14.0	111	3.5	47	8.1	3	0.5	461**	13.0	115**	3.0
1981	374	12.5	130	4.0	42	7.6	8	1.3	416	11.7	138	3.6
1982	394	13.0	154	4.7	42	8.0	14	2.4	437**	12.3	168	4.4
1983	376	12.4	137	4.2	50	9.2	9	1.5	426	11.9	146	3.8
1984	437	14.4	147	4.5	52	9.3	13	2.0	489	13.6	160	4.1
1985	460	15.1	133	4.1	67	11.5	12	1.8	527	14.5	145	3.7
1986	467	15.3	139	4.2	43	7.1	12	1.7	510	14.0	152*	3.8

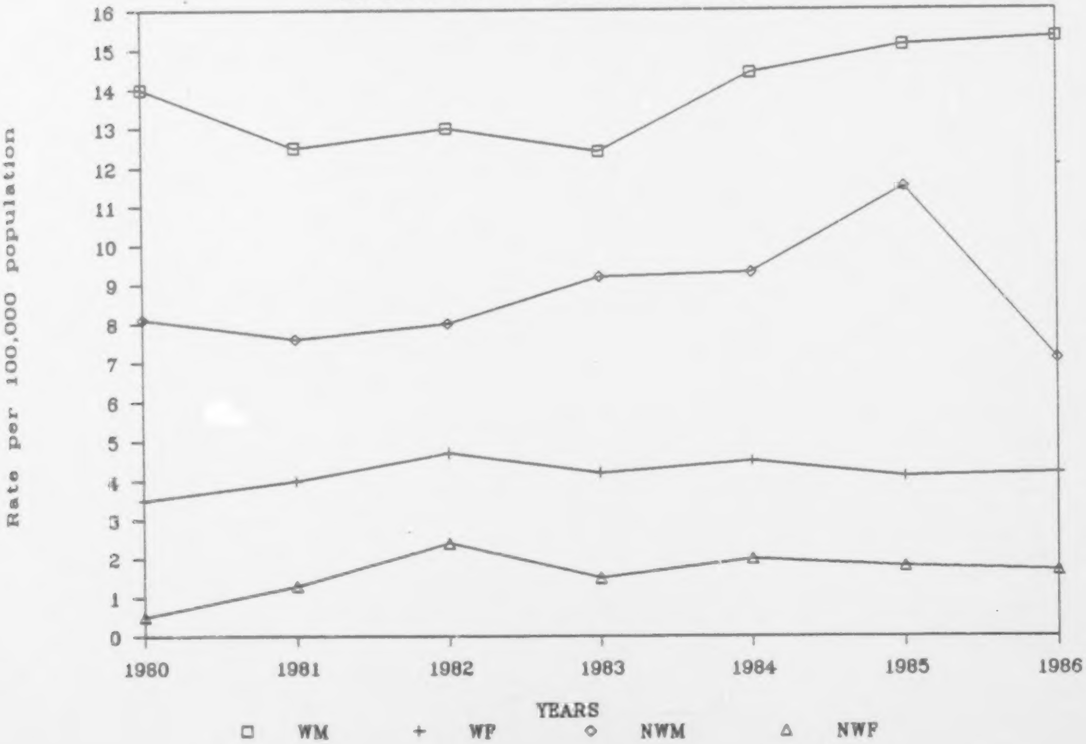
* Rate per 100,000 population

** In 1980 there were two cases of unknown race, one male and one female; in 1982 there was one male of unknown race; in 1986 one female of unknown race.

Figure 2

Suicide Rates Per 100,000 Population

Race/Sex for NJ Residents: 1980-1986



TRENDS BY AGE

Nationally, suicides at young ages were of such concern that a public health objective was formulated: "By 1990, the rate of suicide among people 15-24 should be below 11 per 100,000." New Jerseyans have been below the objective for each of the seven years studied, but the rate rose from 7.9 to 9.5 per 100,000 between 1983 and 1984 (Table 4) but reversed direction dropping to 9.1 and 8.6 in 1985 and 1986, respectively.

Suicide rates generally tend to increase with age (Figure 3 and Table 4). Between 1983 and 1984 there was an increase in suicide rates for each age group, except those over 65. However, between 1985 and 1986, there was a decrease in rates for each age group except those over 65 which remained constant. In 1986, New Jersey's suicide rate for persons aged 65 and over was 12.9 per 100,000 population compared to 24.1 per 100,000 population nationally. According to Grollman (1971), the elderly commit suicide the most of any age group, but attempt suicide the least. According to Busse and Pfeiffer (1969) the impact of retirement, especially for men, of physical decline, or somatic illness are among the speculated reasons why older people take their lifes. Loss of a mate is well known to increase the risk of suicide (Parkes, 1969; MacMahon and Pugh, 1965); cancer diagnosis may as much as double the risk (Marshall, J.R., 1983).

Of the 127 geriatric (65 and above) suicides in New Jersey in 1986, 91 (or 71.7%) were white males; methods of lethality for white males aged 65 and over tended to be firearms (44 or 34.6%) and hanging (31 cases or 24.4%).

Adolescent suicides (Table 5) were the highest in New Jersey in 1985 with 55 cases compared to 47 in 1984. The median age among teenage suicides showed fluctuations over the 7 years studied ranging from 17.6 years in 1983 to 16.9 years in 1984. In New Jersey in 1986 the suicide rates for persons aged 1-14 and aged 15-24 were .6 and 8.6 per 100,000 persons (compared to national rates of .6 and 12.2 per 100,000 respectively).

Median ages for persons who died of suicide by race and sex over the seven-year period are shown in Table 6. Males tended to commit suicide at younger ages than females; nonwhites tended to show less of an age differential based on sex than whites and tended to commit suicide at younger ages than whites of the same sex. A complete age distribution by sex and race is shown in Table 7 for 1986 cases.

TABLE-4

SUICIDE BY AGE GROUP
NEW JERSEY: 1980-1986

YEAR	TOTAL	AGE GROUP 5-14	15-24	25-44	45-64	65+	Median Age
1980	576	3	131	173	162	107	42.8
1981	552	7	92	207	138	108	42.1
1982	605	3	111	227	160	102	41.6
1983	572	2	97	214	145	114	42.5
1984	650	5	115	242	175	112	41.9
1985	672	9	110	259	171	123	41.8
1986	662*	9	102	262	160	127	41.8

*Total includes 2 suicides, age unknown.

SUICIDE RATES PER 100,000 POPULATION
NEW JERSEY: 1980-1986

YEAR	TOTAL	AGE GROUP 5-14	15-24	25-44	45-64	65+
1980	7.8	0.3	10.2	8.6	10.0	12.4
1981	7.4	0.6	7.3	10.0	8.6	12.3
1982	8.1	0.3	8.9	10.7	10.0	11.4
1983	7.7	0.2	7.9	9.8	9.0	12.3
1984	8.6	0.5	9.5	10.8	10.9	11.9
1985	8.9	0.9	9.1	11.3	10.7	12.9
1986	8.7	0.9	8.6	11.2	10.0	12.9

Figure 3

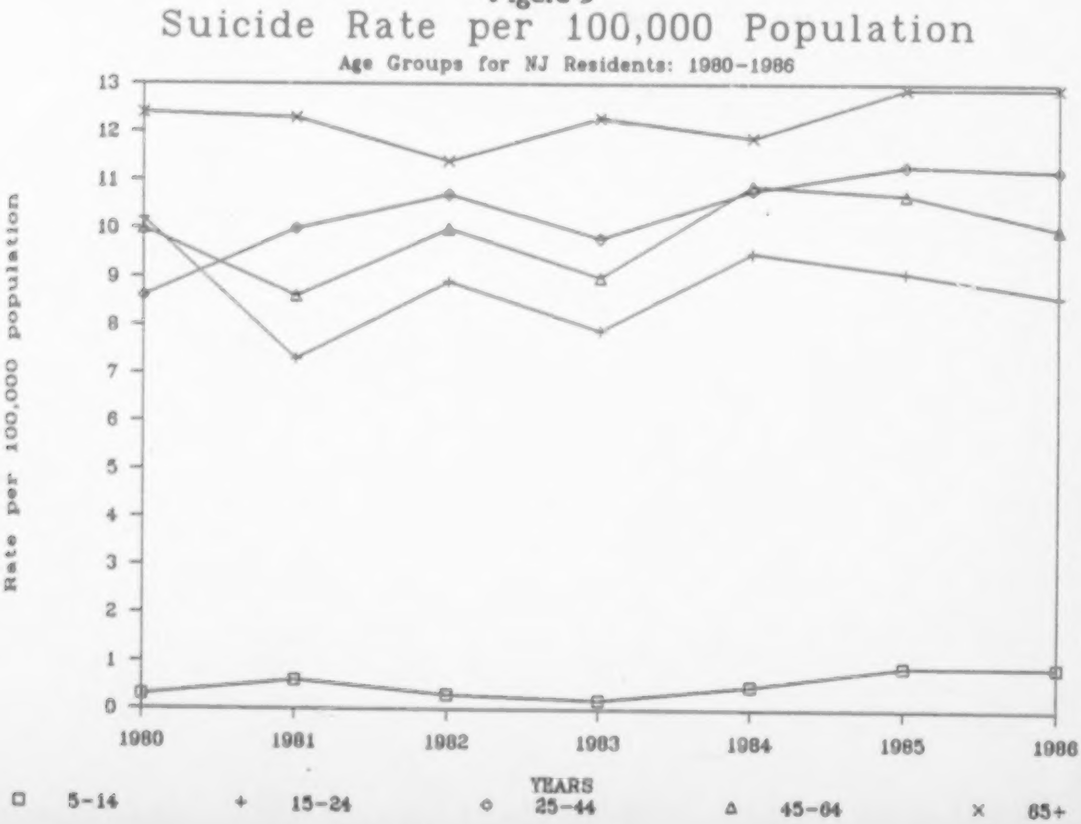


TABLE-5

SUICIDES BY AGE FOR PERSONS 24 YEARS OF AGE AND UNDER FOR NEW JERSEY RESIDENTS: 1980-1986

	AGE GROUP									
YEAR	<13	13	14	15	16	17	18	19	20	20-24	Median Age Among Adolescents
1980	0	1	2	4	5	6	10	17	45	89	17.5
1981	3	1	3	1	5	4	6	14	37	62	17.0
1982	1	0	2	3	6	9	10	13	44	70	17.3
1983	1	0	1	0	6	6	10	12	36	63	17.6
1984	1	1	3	4	9	10	10	9	47	73	16.9
1985	3	0	6	9	4	10	12	11	55	64	17.0
1986	4	0	5	2	9	10	9	9	48	63	17.0

TABLE-6

MEDIAN AGE AT DEATH FROM SUICIDE BY RACE AND SEX FOR NEW JERSEY RESIDENTS: 1980-1986

	WHITE		NONWHITE		TOTAL	
YEAR	Male	Female	Male	Female	Male	Female
1980	40.8	51.7	37.1	55.0	40.3	52.0
1981	41.5	47.3	35.6	36.4	40.8	45.8
1982	40.7	47.3	34.5	37.0	40.0	45.9
1983	42.0	48.7	34.1	35.0	41.0	48.0
1984	40.5	51.1	34.5	35.0	39.8	49.9
1985	42.5	44.8	33.7	38.3	41.1	44.1
1986	40.4	49.3	38.5	38.3	40.2	48.4

TABLE-7

AGE AT DEATH AND MEDIAN AGE AMONG SUICIDES FOR NEW JERSEY RESIDENTS 1986

	AGE								
Race Sex Group	<5	5-14	15-24	25-44*	45-64	65+	Unknown	Total	Median Age
White Males	0	5	81	192	97	91	1	467	40.4
White Females	0	2	13	43	54	27	0	139	49.3
Nonwhite Males	0	2	6	20	7	7	1	43	38.5
Nonwhite Females	0	0	2	6	2	2	0	12	38.3

*1 Female aged 25-44 for whom race is unknown.

METHODS OF LETHALITY

Method of suicide from 1980 to 1986 is shown in Table 8. The most frequently employed methods were firearms and hanging, strangulation, and suffocation. Among poisonings (24.0% of all suicides in 1986) solid or liquid substances increased in use over the period 1980 to 1986 from 8.7% to 13.0%, while gas poisonings decreased (from 13.4% to 11.0%).

Variations in method by race and sex for suicides committed in 1986 are shown in Table 9. Firearms and hangings were the most frequent methods of injury for white males. Hangings and firearms were the most frequent for nonwhite males. For females of both racial groups solid or liquid poisonings were most frequent, followed by hangings.

Methods also vary with age with firearms more frequently used among adolescents (40.9% of teenage suicides compared to 33.1% of all suicides in 1986). Hanging (ICD-9 code E953) was also more frequent among teenagers (34.1% of teenage suicides occurred by this method of injury in 1986); hangings represented 30.2% of all suicides in 1986.

TABLE-8

NUMBER AND PERCENT OF DEATHS FROM SUICIDE ACCORDING TO METHOD OF INJURY FOR NEW JERSEY RESIDENTS 1980-1986

	YEAR													
	1980		1981		1982		1983		1984		1985		1986	
METHOD OF INJURY	N	%	N	%	N	%	N	%	N	%	N	%	N	%
Poisonings by solid or or liquid substances (E950)	50	8.7	46	8.3	63	10.4	66	11.5	76	11.7	78	11.3	86	13.0
Poisoning by carbon monoxide and other gases (E951, E952)	77	13.4	69	12.4	81	13.4	72	12.5	68	10.5	80	11.6	73	11.0
Hanging, strangulation and suffocation (E953)	168	29.2	156	28.2	154	25.4	155	27.1	185	28.5	196	28.4	200	30.2
Drowning (E954)	14	2.4	12	2.2	20	3.3	15	2.6	13	2.0	30	4.4	15	2.3
Firearms and explosives (E955)	200	34.7	190	34.3	213	35.2	187	32.7	225	34.6	220	31.9	219	33.1
Cutting and piercing instruments (E956)	14	2.4	22	4.0	18	3.0	20	3.5	16	2.5	15	2.2	13	1.9
Jumping from high place (E957)	22	3.8	36	6.5	32	5.3	28	5.0	40	6.1	42	6.1	25	3.8
Other and unspecified means (E958)	31	5.4	23	4.1	24	4.0	29	5.1	26	4.0	26	3.8	31	4.7
Late effect (E959)	0	0	0	0	0	0	0	0	1	0.1	2	0.3	0	
TOTAL	576	100.0	554	100.0	605	100.0	572	100.0	650	100.0	689	100.0	662	100.0

TABLE-9

NUMBER OF DEATHS FROM SUICIDE ACCORDING TO METHOD OF INJURY, BY RACE AND SEX, WITH RATES PER 100,000 POPULATION FOR NEW JERSEY RESIDENTS, 1986

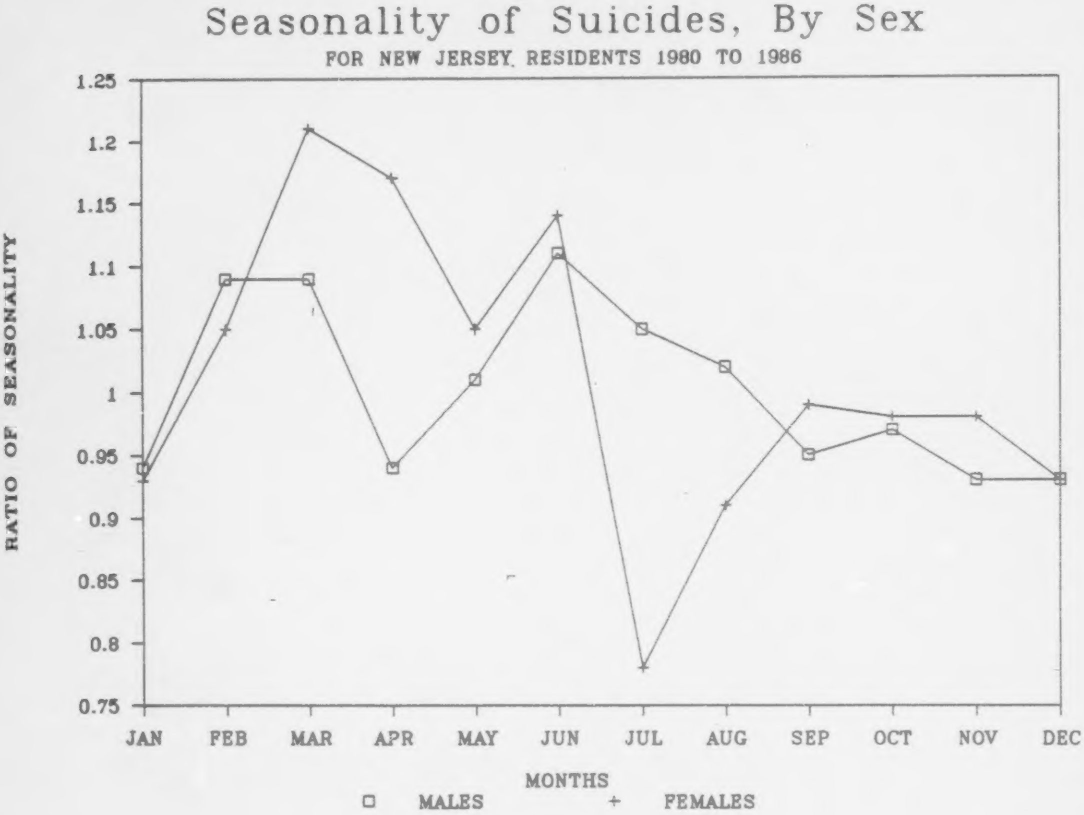
METHOD OF INJURY	TOTAL		WHITE						NONWHITE					
			Total		Male		Female		Total		Male		Female	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Total	662*	8.7	606	9.6	467	15.3	139	4.2	55	4.3	43	7.1	12	1.7
Poisoning by solid or liquid substances (E950)	86*	1.1	78	1.2	37	1.2	41	1.3	7	0.5	3	0.5	4	0.6
Poisoning by carbon monoxide and other gases (E951, E952)	73	1.0	72	1.1	48	1.6	24	0.7	1	0.1	0	0.0	1	0.1
Hanging, strangulation, and suffocation (E953)	200	2.6	181	2.9	155	5.1	26	0.8	19	1.5	16	2.7	2	0.3
Drowning (E954)	15	0.2	12	0.2	8	0.3	4	0.1	3	0.2	2	0.3	1	0.1
Firearms and explosives (E955)	219	2.9	200	3.2	181	5.9	19	0.6	19	1.5	17	2.8	2	0.3
Cutting and Piercing instruments (E956)	13	0.2	13	0.2	10	0.3	3	0.1	0		0		0	
Jumping from high place (E957)	25	0.3	23	0.4	12	0.4	11	0.3	2	0.2	2	0.3	0	
Other and unspecified means (E958)	31	0.4	27	0.4	16	0.5	11	0.3	4	0.3	3	0.5	1	0.1
Late effect (E959)	0		0		0		0		0		0		0	

*Total includes one female death, race unknown ICD code E950.

SEASONALITY

Suicides were more likely to occur in February, March, April, May and June (for females), and February, March, and May through August (for males). Seasonal trends are shown in Table 10. A ratio of seasonality was used to compare the actual number of suicides each month to the expected number (adjusted for the length of the month). Seasonal variation differed between sexes (Figure 4) with January, July and December being infrequent times for suicides among females and November being a more frequent time for females than males; seasonal variation was much greater for females than males.

Figure 4



RESIDENCE

The resident suicides by age and sex are shown for New Jersey counties and principal municipalities in 1984 on Table 11. Counties with the highest suicide rates were Gloucester (12.3 per 100,000 population) and Atlantic (11.6 per 100,000 population) compared to Sussex (3.3 per 100,000 population and Burlington (5.5 per 100,000 population) which were the lowest county rates (Table 12). Rates of change between 1986 and 1980 were computed, but care should be taken in interpretation because of the small number of cases at the municipal level.

TABLE-10

NUMBER OF SUICIDES BY MONTH OF OCCURRENCE
BY SEX
FOR NEW JERSEY RESIDENTS:
1980-1986

MONTH	1980		1981		1982		1983		1984		1985		1986		1980-1986			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	Ratio	F	Ratio
January	35	12	29	9	34	9	32	14	34	13	56	15	39	9	259	94	81	.93
February	42	10	41	11	33	15	27	11	50	10	37	16	43	10	273	1.09	83	1.05
March	47	10	35	16	39	18	46	15	44	14	53	9	38	23	302	1.09	1.05	1.21
April	36	15	25	13	30	20	38	18	36	15	45	8	40	9	251	.94	98	1.17
May	43	8	42	12	44	12	39	14	33	22	38	12	41	11	280	1.01	91	1.05
June	42	8	35	14	37	18	43	19	40	18	45	12	55	7	297	1.11	96	1.14
July	36	9	40	9	41	9	40	11	40	5	43	13	51	12	291	1.05	68	.78
August	36	9	32	8	38	14	29	10	57	10	54	13	36	15	282	1.02	79	.91
September	40	11	36	10	32	20	30	2	41	9	36	13	40	18	255	.95	83	.99
October	36	11	31	13	35	10	35	10	42	15	43	10	48	16	270	.97	85	.98
November	31	4	32	11	42	15	24	12	44	21	44	11	32	8	249	.93	82	.98
December	37	8	38	12	32	8	42	10	28	8	33	13	47	13	257	.93	72	.93
Total	461	115	416	138	437	168	426	146	489	160	527	145	510	151	3,266		1,023	

* Ratio of seasonality is the number of observed suicides compared to the number of expected in the month (adjusted for the number of days in the month).

TABLE-11

RESIDENT SUICIDE DEATHS BY SEX AND AGE GROUP
COUNTIES AND SELECTED PLACES,
NEW JERSEY
1986

	SEX			AGE GROUP					
Place of Residence	Total	Male	Female	5-14	15-24	25-44	45-64	65+	Unk.
STATE TOTAL	662	510	152	9	102	262	160	127	2
ATLANTIC COUNTY	24	22	2	2	6	6	6	3	1
Atlantic City	5	5				2	1	1	1
BERGEN COUNTY	71	54	17		10	31	20	10	
BURLINGTON COUNTY	21	19	2		7	7	4	3	
CAMDEN COUNTY	52	35	17	2	7	18	14	11	
Camden City	10	6	4			8		2	
Cherry Hill Twp.	5	4	1	1		2	2		
Gloucester Twp.	5	4	1		2	1	2		
CAPE MAY COUNTY	10	10			1	6	1	2	
CUMBERLAND COUNTY	12	9	3		3	4	1	4	
Vireland City	3	3			1	2			
ESSEX COUNTY	75	55	20		8	34	20	13	
Bloomfield	1		1				1		
East Orange	9	9				7	1	1	
Irvington	8	7	1		1	3	1	3	
Newark	21	14	7		2	15	2	2	
GLOUCESTER COUNTY	26	21	5		5	12		9	
HUDSON COUNTY	46	36	10		3	25	7	10	1
Bayonne	6	4	2		1	3		2	
Hoboken	5	5			1	2		2	
Jersey City	15	11	4			10	1	3	1
North Bergen Twp.	4	3	1			1	2	1	
Union City	5	4	1		1	4			
HUNTERDON COUNTY	8	6	2		1	3	3	1	
MERCER COUNTY	28	23	5	1	6	12	5	4	
Hamilton Twp.	10	7	3	1	2	6		1	
Trenton	7	7			1	3	1	2	
MIDDLESEX COUNTY	58	42	16		11	19	20	8	
Edison Twp.	9	7	2		1	4	1	3	
New Brunswick	4	4				1	2	1	
Old Bridge	6	4	2			2	4		
Piscataway Twp.	3	1	2			1	1	1	
Woodbridge Twp.	8	6	2		4	1	3		
MONMOUTH COUNTY	43	37	6	1	9	18	9	6	
Middletown Twp.	5	4	1			1	4		
MORRIS COUNTY	35	23	12	1	3	13	15	3	
Parsippany-Troy Hills	4	2	2			3	1		
OCEAN COUNTY	44	33	11	1	7	11	6	19	
Brick Twp.	4	3	1			1	1	2	
Dover Twp.	10	7	3	1	1	2	2	4	
PASSAIC COUNTY	42	32	10		2	22	10	8	
Clifton	8	8				4	3	1	
Passaic City	9	6	3			5		4	
Paterson	13	9	4		1	9	2	1	
Wayne Twp.	3	3				1	1	1	
SALEM COUNTY	5	4	1		1	2	1	1	
SOMERSET COUNTY	14	10	4		2	8	2	2	
SUSSEX COUNTY	4	3	1			1	2	1	
UNION COUNTY	34	28	6	1	6	7	12	8	
Elizabeth	9	9			1	4	2	2	
Plainfield	3	2	1	1			1	1	
Union Twp.	4	4				1	2	1	
WARREN COUNTY	9	7	2		3	3	2	1	
STATE INSTITUTIONS	1	1			1				
MILITARY POSTS									

NOTE: No suicides reported under 5 years of age.

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NEW JERSEY
RESIDENTS DEATHS BY SUICIDE
RATES PER 100,000 POPULATION
1986

	SUICIDE		PERCENT CHANGE 1986 vs. 1980
PLACE OF RESIDENCE	Number	Rate	Percent Change
STATE TOTAL	662	8.7	14.9
ATLANTIC COUNTY	24	11.6	41.2
Atlantic City	5	13.8	0.0
BERGEN COUNTY	71	8.5	14.5
BURLINGTON COUNTY	21	5.5	-16.0
CAMDEN COUNTY	52	10.5	67.7
Camden City	10	12.0	25.0
Cherry Hill Twp.	5	6.9	-37.5
Gloucester Twp.	5	9.9	
CAPE MAY COUNTY	10	10.8	233.3
CUMBERLAND COUNTY	12	8.8	-20.0
Vineland City	3	5.6	-25.0
ESSEX COUNTY	75	8.9	25.0
Bloomfield	1	2.1	-50.0
East Orange	9	11.6	200.0
Irvington	8	12.8	14.3
Newark	21	6.6	5.0
GLOUCESTER COUNTY	26	12.3	62.5
HUDSON COUNTY	46	8.3	31.4
Bayonne	6	9.6	20.0
Hoboken	5	12.1	25.0
Jersey City	15	6.9	0.0
North Bergen Twp.	4	8.4	100.0
Union City	5	9.0	
HUNTERDON COUNTY	8	8.3	-11.1
MERCER COUNTY	28	8.7	-3.4
Hamilton Twp.	10	11.4	0.0
Trenton	7	7.6	-50.0
MIDDLESEX COUNTY	58	9.1	34.9
Edison Twp.	9	11.0	28.6
New Brunswick	4	10.0	33.3
Old Bridge Twp.	6	10.8	500.0
Piscataway Twp.	3	6.8	50.0
Woodbridge Twp.	8	8.6	14.3
MONMOUTH COUNTY	43	7.9	4.9
Middletown Twp.	5	7.2	-37.5
MORRIS COUNTY	35	8.4	-20.5
Parsippany-Troy Hills	4	8.1	-55.6
OCEAN COUNTY	44	11.2	22.2
Brick Twp.	4	6.6	33.3
Dover Twp.	10	14.0	66.7
PASSAIC COUNTY	42	9.1	7.7
Clifton	8	10.5	33.3
Passaic City	9	16.7	50.0
Paterson	13	9.3	44.4
Wayne Twp.	3	6.1	0.0
SALEM COUNTY	5	7.6	-37.5
SOMERSET COUNTY	14	6.5	-88.0
SUSSEX COUNTY	4	3.3	42.9
UNION COUNTY	34	6.7	3.0
Elizabeth	9	8.4	-18.2
Plainfield	3	6.5	0.0
Union Twp.	4	7.9	33.3
WARREN COUNTY	9	10.4	50.0
STATE INSTITUTIONS	1		
MILITARY POSTS	0		

NOTE: Rates not computed for State Institutions and Military Posts due to lack of population base.

METHODOLOGICAL ISSUES

Suicides in this report are those deaths identified as having cause-of-death codes E950-E959 from the International Classification of Diseases, ninth revision (ICD-9).

Suicide statistics based on death certificates probably understate the true number of suicides for several reasons (as stated by the CDC Violence Epidemiology Branch):

1) Inadequate information on which to make a determination of suicide as the cause of death.

> "Without an explicit communication by the victim that the death was self-inflicted, the death might be erroneously ruled as homicide, an accident, or as undetermined. In other circumstances, there may be either conscious or unconscious attempts to obscure information necessary to make the determination of suicide, as in the case of a family deliberately withholding or unconsciously denying information to avoid stigmatizing themselves or the victims."

2) Certifier bias or error.

> "The certifier may be influenced in recording an accurate certification of suicide because of pressures brought to bear by family or friends of the suicide victim. Also, error in judgment may occur on the part of the certifier because of inadequate criteria or standards for making a determination of death by suicide given a particular set of circumstances. That is, based on the same set of information, two certifiers may rule differently as to whether the death should or should not be determined to be suicide."

3) No death certificate filed on the victim.

> "Some suicide deaths might not be recorded if the bodies are never found. This bias may be more significant for specific methods of suicide, e.g., drowning after jumping from a high bridge."

If suicides are misclassified on death certificates, these deaths are most likely to be reported under accidental deaths as pointed out by Douglas in 1967. From Holdings and Barraclough's comparative studies, the underestimate of the true suicide rate reflected by official statistics may be as much as 22%.

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CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

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New Jersey Health Statistics

1987

MOLLY JOEL COYE, M.D., M.P.H.
STATE COMMISSIONER OF HEALTH

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

New Jersey
Health Statistics
1987

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

NEW JERSEY
HEALTH STATISTICS
1987

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CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

New Jersey
Health Statistics
1987

Introduction

Health Statistics is comprised of individual reports compiled by the Center for Health Statistics from the State's vital statistics data base. The scope and coverage of Health Statistics currently includes highlights, historical perspective, natality, mortality, marriages, divorces, communicable diseases, accidents, fertility, abortions, hospitalizations, population, and a gross summary by municipality. County Population by Age, Sex and Race is now an ongoing part of our reporting system. A section on technical notes is included that explains the statistical methods used and data limitations; a list of definitions and a description of rates, ratios, proportions, and indices are also covered.

State and county statistics are presented along with selected municipality (MCD) data, when appropriate. The Municipality Gross Summary presents data for population, births, deaths and marriages. Additional vital statistics at the MCD level are available for inspection and use in the Trenton central office of the Department. Copies of specific MCD information have been supplied to county and local Health Officers.

Births, deaths, marriages, and fetal deaths ocurring in 1987 are statistics presented in this Volume. They were obtained from certificates filed with the State Registrar prior to July 1, 1988. Through a reciprocal arrangement between states, copies of birth, death, and fetal death certificates involving out-of-state occurrences are interchanged. Thus, the resident birth, death and fetal death rates shown in the report include all events involving residents of the State of New Jersey, irrespective of place of occurrence. Marriage statistics, however, are treated differently. A tabulation is made of all marriages occurring within the State, irrespective of the residence of either party. Copies of marriage certificates are not interchanged between states as such a procedure would prove impractical (see Technical Notes).

The Tuberculosis Control, Sexually Transmitted Disease, and Communicable Disease Control programs are responsible, by law, for maintaining confidential files on "reportable diseases." The statistics are tabulated by the Center for Health Statistics annually and are included in this report in order to allow the user to develop a more complete profile of the health of State residents.

The AIDS Division has developed a database file which will eventually contain all identified AIDS cases within the State. Comparable statistics on the number of reported cases within New Jersey, or by state of residence, are presented through the year 1987. All requests for statistics related to AIDS should be directed to the New Jersey AIDS program.

Data relating to hospitalizations were obtained from medical discharge abstract summaries. The Uniform Bill Patient Summary data are submitted to the Department for use in the hospital rate-setting program. Other discharges from hospitals not participating in the rate-setting program are submitted directly to the Center for Health Statistics. Discharge abstracts are created by hospitals for all patients at time of discharge, regardless of the patient's disposition or place of residency.

Accident reporting is derived from the death certificates and is presented in two parts. The first comprises aggregated accidental deaths relating only to New Jersey residents; the second presents a detailed statistical listing of all deaths occurring within the State regardless of place of residence, by category and type.

The Office of Demographic and Economic Analysis, Department of Labor, is assigned the responsibility by the Governor of the State to provide Official State Annual Estimates of Population for all 567 municipalities and 21 counties. These estimates are periodically revised to reflect the latest information available with respect to births, deaths and migration. The revised July 1, 1986 estimates, released in October 1988, were used in developing the vital statistics rates shown in this report. All rates for prior years were recalculated based on the Revised Population Estimates. Age, sex, and race specific estimates for 1987 were developed by the Center for Health Statistics, based on the "Proportionate Share Techniques" using the 1980 census data controlled to the July 1, 1986 revised estimates. The age, sex, and race data presented in this report are considered as crude estimates and should only be used for statistical purposes. The population for 1987 was assumed to have the same age, sex, and race distribution as existed in the 1980 Census, adjusted by subsequent births, deaths and migration patterns.

Back issues of Health Statistics for 1979 through 1986 are available, as long as supplies last. They can be obtained by writing to the Center for Health Statistics and enclosing a check for $25 per copy requested. Vital statistics data and reports from 1977 through 1987 are maintained for reference purposes by the N.J. State Library and the Center for Health Statistics. Inquiries regarding the contents of this report should be addressed to:

NJ Department of Health
Center for Health Statistics
Room 405 -- CN 360
Trenton, New Jersey 08625

How to Use This Report

Overview

The purpose of the annual New Jersey Health Statistics Report is to provide a comprehensive summary of those vital statistics compiled and maintained by the New Jersey Department of Health. This report is the primary vital statistics reference document for 1987 data. However, only data most often requested are included in this document. Additional information is available from the Center for Health Statistics, New Jersey Department of Health. The user of this report is advised that the data contained herein were correct for the calendar year 1987 up until June 1, 1988. They are subject to change if corrections or additional information becomes available.

Page Numbering Sytem

This report is divided into three sections, I-III and 15 subsections, A-N. For quick identification and easy access, each subsection of the report has been given a letter. A "TAB" page numbering system has also been used, so that the user can rapidly locate individual subject areas. All tables within Section I have been indexed and included in Section III--Index.

Additions and Revisions

The report has been developed in "loose-leaf" format to permit additions and revisions. All holders of the report who are registered with the Center for Health Statistics will automatically receive copies of revisions and/or additions when released. If a three-ring binder has not been supplied, the holder is advised to place the document in a three-ring binder. All pages have been "three-hole" punched. Sections can be located by determining the TAB page in the Table of Contents, then flipping through the document to find the appropriate location. To register or report change of address, please forward the following information to the Center for Health Statistics:

REGISTRATION INFORMATION

NEW JERSEY HEALTH STATISTICS
REGISTRATION

NAME: ______________________________

ORGANIZATION: ______________________________

STREET: ______________________________

CITY: ______________________________

STATE: __________ ZIP: ______________

TELEPHONE: ______________________________

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TAB-A
HIGHLIGHTS

Highlights
1987

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Highlights
1987

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-----------------NOTE-----------------

This HIGHLIGHTS--Summary Report--presents an overview of the 1987 HEALTH STATISTICS REPORT. HIGHLIGHTS contains data for state, county and selected places of residence. The 1987 HEALTH STATISTICS REPORT provides detailed data on each of the major health categories in the Vital Statistics area. If you desire additional information concerning the NJ/Health Statistics provided in this Report, please address your inquiries to:

Center for Health Statistics
New Jersey Department of Health
CN 360
Trenton, New Jersey 08625

Highlights
1987

POPULATION

New Jersey reached a 1980 population total of 7,364,823 persons ranking it 9th in the nation. With an average of 983.0 persons per square mile it continued to retain its position as the most densely populated of the states. The 1980 Census indicated that New Jersey's median age is 32.2, slightly higher than the U.S. level of 30.1. The percentage of population 65 and older increased between 1970 and 1980 at a rate of 2½ times the national figure--a rate of growth exceeded in only four states. Projections indicate a continued increase in the percentage of the older population in the State. The July 1, 1987 total population estimate of 7,672,524 indicated a net migration gain of 74,000 for the State as a whole since the 1980 census. The 1986 revised estimate is 7,625,168.

INCOME

New Jersey's per capita personal income of $18,866 for 1986 was 28.9% higher than the national level of $14,636 and ranked New Jersey 3th in the country. New Jersey ranked third in 1985, but was superseded for first place by Connecticut this year. Nine percent of New Jersey families are below poverty level placing New Jersey 44th among the states. Per capita, disposable personal income has progressively increased since the 1980 Census, and by 1984 reached the level of $13,179 (compared to $10,951 for the U.S.).

MARRIAGE/DIVORCE

The State's annual marriage rate has fluctuated continually since 1946 when it reached a high of 14.2 per 1,000 population. In the mid 1980s, it moved upward again to reach its highest levels since the WW-II level. The divorce rate increased in the late 1970s and early 1980s. However, it has declined almost 15 percent from the 1982 high of 4.1 per 1,000. For every 100 marriages performed in New Jersey in 1987, 45.0 divorces were granted, a ratio of 2 to 1.

ABORTION

A total of 33,395 New Jersey resident women obtained legal induced abortions from licensed facilities in 1987, an increase of 19 over 1986. Of those obtaining abortions 24.4% were under 20 years of age, and 55.8% were in the 20-29 year group. Over three-fourths (76.9%) were unmarried, 47.3% had no living children, while 52.2% had no previous abortions, and 53.0% obtained the abortion prior to the 9th week of gestation.

BIRTHS

New Jersey experienced an increasing birth rate between 1977 and 1987 but currently ranks 44th among the states in birth rates per 1,000 people. The national rate for 1987 was 15.7. The New Jersey rate was 14.8, 5.7% below the national level. Resident births in the State were recorded at 113,234. The 1987 level represented a 4.4 percent increase over 1986.

...Age of Mother

Births increased in New Jersey over the 1986 level. Women in their teens also showed an increase of 219 births or 2.2%, while those aged 20-34 showed an increase of 3,728 births or 4.2%. Women 35 years and older showed an increase of 781 births or 7.9%.

...Live Birth Order

Forty-three percent of births to New Jersey residents were first order births. The general long-term trend has been toward a greater percentage of higher order births in the State.

...Births to Unwed Mothers

Of all live births in New Jersey during 1987 23.3% were to unwed mothers. The ratio of births to unwed mothers is highest for teenagers. For mothers in the age group of 20 years and older, the ratio in New Jersey exceeds the national level.

...Low Birth Weight

In 1987 the incidence of low birth weight babies in New Jersey increased 0.1% from the 1986 level of 6.7%. The incidence in the State remains slightly higher than nationally, and is highest for younger and older women and lowest for women between the ages of 25 to 34.

...Multiple Births

There were 2,182 live births in multiple deliveries. Of these, 2,012 (92.2%) were twins, and 87 (4.0%) were three or more infants.

MORTALITY

With an older population age structure than the U.S., New Jersey's crude death rate exceeds the national figures; age adjustment of the rates reveals a mortality closer to that experienced nationally. For 1987, the New Jersey crude mortality rate per 1,000 population was 9.3 (U.S. rate 8.7). Total deaths in New Jersey registered 71,728, an increase of 429 over the 1986 level of 71,299.

...Life Expectancy

The expectation of life at birth reached a new U.S. high in 1986 and remained there in 1987 -- an estimated 74.9 years for the total population. Life expectancy at birth for New Jersey residents was 74.0 years in 1980. New Jersey was the 23rd State when ranked on this indicator. Life expectancy for New Jersey females is 77.4, while males have an expectancy of 70.5 years (based on 1980 information).

...Leading Causes

In 1987, heart disease, cancer, cerebrovascular diseases, and accidents are the leading causes of death in New Jersey. Mortality from heart disease and cancer is higher in New Jersey than nationally, but the mortality rates from cerebrovascular diseases and accidental deaths are lower than the national rates. Overall, mortality in the State decreased in 1987 for pneumonia and influenza and malignant neoplasms while increasing for cerebrovascular diseases, chronic liver disease, accidents and septicemia. Deaths from nephritis and nephrosis remained at the same level as 1986. Accidents were the leading cause of death for those between the ages of 1 to 44. Homicide and suicide were the next two leading causes of death for those between 15 to 24 years of age.

INFANT MORTALITY

Infant deaths increased by 2 to 1,057 in 1987, and the 1987 infant mortality rate decreased to 9.3 per 1,000 births from the 1986 rate of 9.7. Both the neonatal death rate and the infant death rate have been on a downward trend since the Department started collecting statistics in 1879.

MATERNAL MORTALITY

New Jersey's maternal mortality rate has been consistently lower than the U.S. maternal mortality rate. Only 3 maternal deaths occurred in 1985, the lowest number to date. However, in 1987, there were 14 maternal deaths in the state.

FETAL MORTALITY

A total of 1,263 resident fetal deaths, including 332 induced abortions, were reported in 1987. The 1987 total was the highest since 1971. Also, the fetal death ratio* increased slightly to 11.2 (up from 10.8 in 1986). Nevertheless, over the past 50 years the State's fetal death ratio has declined from about 25 per 1,000 births.

COMMUNICABLE DISEASES:

...Gonorrhea

The total number of reported cases in the State decreased sharply from the 1986 level of 19,612 to 17,150 in 1987 (a drop of 2,462 cases or 12.6%).

...Syphilis

New Jersey's case rate for all stages of syphilis increased from 26.2 cases per 100,000 population in 1986 to 28.8 in 1987.

...Tuberculosis

The State's incidence for tuberculosis increased from 948 cases in 1986 to 1,063 in 1987 (or 12.1%). Clinically active cases increased during the same period from 724 to 748 cases (or 3.3%).

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*NOTE: Previous issues of this publication have referred to this statistic as a rate, but it has been calculated as a ratio (cf. Technical Notes, p. N-13). Upcoming issues will utilize the fetal death rate formula, and a rate will be cited that excludes induced abortions. If these changes were applied to 1987 data, the fetal death rate would be 8.2 per 1,000 live births plus fetal deaths.

...Other

In 1987, 1 case of rubella was reported, a decline from 4 cases reported in 1986. Hepatitis Type A decreased 25.3% from 383 to 286 cases, while Type B decreased by 10.3%. After a minor outbreak of measles in 1981 (61 cases), the number reported dropped to 3 in 1983. In 1986 measles cases increased dramatically to 881 cases. The decrease in the number of measles cases was just as dramatic in 1987 falling to 39 cases (or 95.6%).

...AIDS

The diagnosed number of AIDS cases in New Jersey has increased from 1,193 cases in 1986 to 1,666 in 1987. Likewise, the number of AIDS related deaths increased from 704 in 1986 to 922 in 1987. Rates per 100,000 population for diagnosed cases climbed from 15.6 to 21.7 between 1986 and 1987; rates for deaths jumped from 9.2 to 12.0 during the same time period.

ACCIDENTS

In 1987 total accidental deaths of residents in New Jersey increased by 8.4 percent over the 1986 level from 2,176 to 2,358 deaths. Accidents were the leading cause of death of New Jersey residents between the ages of 1 to 44 years old.

TABLE-1

NEW JERSEY
RESIDENT BIRTHS, MARRIAGES, AND DEATHS
RATES PER 1,000 POPULATION
1987

PLACE OF RESIDENCE	BIRTHS Number	BIRTHS Rate	MARRIAGES Number	MARRIAGES Rate	DEATHS Number	DEATHS Rate
STATE TOTAL	113,234	14.8	60,550	7.9	71,728	9.3
ATLANTIC COUNTY	3,507	16.8	1,905	9.1	2,390	11.5
Atlantic City	849	24.0	406	11.5	737	20.8
BERGEN COUNTY	9,711	11.7	6,587	7.9	7,819	9.4
BURLINGTON COUNTY	5,473	14.1	3,023	7.8	2,839	7.3
CAMDEN COUNTY	8,500	17.1	3,422	6.9	4,423	8.9
Camden City	2,360	28.9	565	6.9	855	10.5
Cherry Hill Twp.	796	10.8	529	7.2	594	8.1
Gloucester Twp.	619	12.0	245	4.7	224	4.3
CAPE MAY COUNTY	1,298	13.8	885	9.4	1,183	12.6
CUMBERLAND COUNTY	2,178	15.8	1,060	7.7	1,288	9.4
Vineland City	831	15.2	439	8.1	459	8.4
ESSEX COUNTY	13,262	15.7	6,804	8.1	8,572	10.1
Bloomfield	573	11.9	297	6.2	527	11.0
East Orange	1,533	19.9	518	6.7	890	11.5
Irvington	1,114	17.9	348	5.6	603	9.7
Newark	6,014	19.1	2,405	7.6	3,192	10.1
GLOUCESTER COUNTY	3,190	15.0	1,637	7.7	1,725	8.1
HUDSON COUNTY	8,750	16.0	4,578	8.4	5,871	10.7
Bayonne	697	11.3	445	7.2	795	12.9
Hoboken	458	11.0	218	5.2	338	8.1
Jersey City	4,266	19.6	1,784	8.2	2,483	11.4
North Bergen Twp.	646	13.8	307	6.6	543	11.6
Union City	938	17.1	549	10.0	470	8.6
HUNTERDON COUNTY	1,446	14.6	775	7.8	627	6.3
MERCER COUNTY	4,774	14.6	2,452	7.5	3,090	9.4
Hamilton Twp.	1,078	12.4	706	8.1	772	8.9
Trenton	2,078	22.9	709	7.8	1,263	13.9
MIDDLESEX COUNTY	9,538	14.8	4,980	7.7	5,120	7.9
Edison Twp.	1,376	16.4	438	5.2	593	7.0
New Brunswick	623	15.7	933	23.6	378	9.6
Old Bridge Twp.	684	12.1	398	7.0	331	5.8
Piscataway Twp.	639	14.5	288	6.5	219	5.0
Woodbridge Twp.	1,120	11.9	563	6.0	783	8.3
MONMOUTH COUNTY	8,020	14.5	4,510	8.1	5,152	9.3
Middletown Twp.	786	11.3	433	6.2	536	7.7
MORRIS COUNTY	5,616	13.4	3,418	8.1	2,934	7.0
Parsippany-Troy Hills	577	11.9	292	6.0	283	5.8
OCEAN COUNTY	5,560	13.8	2,571	6.4	5,371	13.3
Brick Twp.	892	14.4	336	5.4	592	9.6
Dover Twp.	978	13.5	596	8.2	975	13.4
PASSAIC COUNTY	7,632	16.5	3,982	8.6	4,292	9.3
Clifton	808	10.6	556	7.3	934	12.2
Passaic City	1,306	24.2	490	9.1	534	9.9
Paterson	3,228	23.4	1,398	10.1	1,283	9.3
Wayne Twp.	512	10.0	402	7.9	396	7.7
SALEM COUNTY	813	12.4	454	6.9	658	10.1
SOMERSET COUNTY	3,200	14.4	1,882	8.5	1,612	7.3
SUSSEX COUNTY	2,099	16.9	920	7.4	890	7.2
UNION COUNTY	7,101	14.1	3,943	7.8	5,064	10.1
Elizabeth	2,036	19.2	1,034	9.8	1,105	10.4
Plainfield	989	21.7	231	5.1	485	10.6
Union Twp.	486	9.5	335	6.6	614	12.1
WARREN COUNTY	1,375	15.8	681	7.8	782	9.0
STATE INSTITUTIONS	1		0		5	
MILITARY POSTS	190		81		21	

Note: Marriages are by place of occurrence. Rates not computed for State Institutions and Military Posts due to lack of population base.

TABL
NEW JE
RESIDENT BIRTHS BY SEX, RACE, LEGITIMACY
COUNTIES AND SELECTED PLACES
1987

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNK.	WHITE	BLACK	OTHER	UNK.	LEGITIMATE	ILLEGITIMATE	UNK.
STATE TOTAL	113,234	58,106	55,124	4	86,873	21,038	2,536	2,787	86,594	26,396	244
ATLANTIC COUNTY	3,507	1,821	1,686	0	2,572	857	66	12	2,279	1,223	5
Atlantic City	849	433	416	0	313	511	23	2	257	592	0
BERGEN COUNTY	9,711	5,031	4,680	0	8,002	485	430	794	9,005	664	42
BURLINGTON COUNTY	5,473	2,827	2,646	0	4,481	868	95	29	4,465	1,003	5
CAMDEN COUNTY	8,500	4,326	4,174	0	6,531	1,813	102	54	5,819	2,664	17
Camden City	2,360	1,224	1,136	0	984	1,335	29	12	651	1,708	1
Cherry Hill Twp.	796	394	402	0	731	18	31	16	747	44	5
Gloucester Twp.	619	317	302	0	586	26	3	4	524	94	1
CAPE MAY COUNTY	1,298	627	671	0	1,201	93	4	0	1,031	265	2
CUMBERLAND COUNTY	2,178	1,109	1,069	0	1,644	492	21	21	1,237	940	1
Vineland City	831	416	415	0	704	108	6	13	491	340	0
ESSEX COUNTY	13,262	6,870	6,392	0	6,104	6,703	188	267	7,382	5,862	18
Bloomfield	573	312	261	0	511	39	9	14	517	55	1
East Orange	1,533	777	756	0	111	1,404	5	13	618	913	2
Irvington	1,114	592	522	0	280	810	7	17	543	568	3
Newark	6,014	3,048	2,966	0	2,211	3,711	46	46	2,224	3,788	2
GLOUCESTER COUNTY	3,190	1,677	1,511	2	2,813	342	18	17	2,567	620	3
HUDSON COUNTY	8,750	4,446	4,304	0	6,078	1,899	356	417	5,887	2,833	30
Bayonne	697	361	336	0	605	56	13	23	568	128	1
Hoboken	458	232	226	0	307	88	15	48	310	144	4
Jersey City	4,266	2,166	2,100	0	2,244	1,612	241	169	2,372	1,880	14
North Bergen Twp.	646	327	319	0	567	18	27	34	555	90	1
Union City	938	447	491	0	825	59	12	42	661	273	4
HUNTERDON COUNTY	1,446	737	709	0	1,400	19	17	10	1,359	86	1
MERCER COUNTY	4,774	2,458	2,316	0	3,274	1,396	75	29	3,203	1,569	2
Hamilton Twp.	1,078	556	522	0	975	84	16	3	938	140	0
Trenton	2,078	1,049	1,029	0	876	1,173	23	6	806	1,271	1
MIDDLESEX COUNTY	9,538	4,867	4,671	0	7,984	936	353	265	8,225	1,296	17
Edison Twp.	1,376	711	665	0	1,125	91	108	52	1,271	101	4
New Brunswick	623	314	309	0	320	292	5	6	329	293	1
Old Bridge Twp.	684	360	324	0	598	18	24	44	636	48	0
Piscataway Twp.	639	303	336	0	448	109	64	18	576	61	2
Woodbridge Twp.	1,120	575	545	0	987	54	36	43	1,034	84	2
MONMOUTH COUNTY	8,020	4,135	3,885	0	6,610	976	180	254	6,766	1,236	18
Middletown Twp.	786	395	391	0	723	16	21	26	730	54	2
MORRIS COUNTY	5,616	2,834	2,781	1	5,187	184	134	111	5,178	427	11
Parsippany-Troy Hills	577	296	281	0	507	26	39	5	534	42	1
OCEAN COUNTY	5,560	2,824	2,736	0	5,143	241	34	142	4,784	769	7
Brick Twp.	892	453	439	0	871	6	8	7	815	76	1
Dover Twp.	978	496	482	0	956	12	4	6	854	124	0
PASSAIC COUNTY	7,632	3,897	3,735	0	5,816	1,540	196	80	5,342	2,273	17
Clifton	808	415	393	0	758	17	27	6	749	57	2
Passaic City	1,306	677	629	0	890	351	38	27	802	501	3
Paterson	3,228	1,673	1,555	0	1,984	1,141	88	15	1,645	1,579	4
Wayne Twp.	512	248	264	0	482	3	17	10	487	24	1
SALEM COUNTY	813	408	405	0	590	193	4	26	541	271	1
SOMERSET COUNTY	3,200	1,644	1,556	0	2,843	218	99	40	2,912	284	4
SUSSEX COUNTY	2,099	1,100	999	0	2,008	6	8	77	1,895	178	26
UNION COUNTY	7,101	3,657	3,443	1	5,148	1,690	134	129	5,370	1,716	15
Elizabeth	2,036	1,051	985	0	1,481	497	37	21	1,304	728	4
Plainfield	989	537	452	0	319	653	10	7	487	500	2
Union Twp.	486	235	251	0	418	51	11	6	438	46	2
WARREN COUNTY	1,375	708	667	0	1,335	22	6	12	1,173	200	2
STATE INSTITUTIONS	1	1	0	0	1	0	0	0	0	1	0
MILITARY POSTS	190	102	88	0	108	65	16	1	174	16	0

TABLE-3

NEW JERSEY
RESIDENT BIRTHS BY MATURITY, COUNTIES AND SELECTED PLACES
1987

PLACE OF RESIDENCE	Total	2,500 Grams or Less	2,501 Grams or More	Weight Unknown
STATE TOTAL	113,234	7,700	102,699	2,835
ATLANTIC COUNTY	3,507	253	3,246	8
Atlantic City	849	88	760	1
BERGEN COUNTY	9,711	474	8,407	830
BURLINGTON COUNTY	5,473	384	5,060	29
CAMDEN COUNTY	8,500	618	7,836	46
Camden City	2,360	299	2,057	4
Cherry Hill Twp.	796	45	741	10
Gloucester Twp.	619	28	587	4
CAPE MAY COUNTY	1,298	84	1,211	3
CUMBERLAND COUNTY	2,178	154	2,017	7
Vineland City	831	41	788	2
ESSEX COUNTY	13,262	1,290	11,689	283
Bloomfield	573	40	516	17
East Orange	1,533	191	1,329	13
Irvington	1,114	118	975	21
Newark	6,014	724	5,245	45
GLOUCESTER COUNTY	3,190	177	2,997	16
HUDSON COUNTY	8,750	664	7,649	437
Bayonne	697	42	630	25
Hoboken	458	23	386	49
Jersey City	4,266	412	3,672	182
North Bergen Twp.	646	32	579	35
Union City	938	66	831	41
HUNTERDON COUNTY	1,446	42	1,395	9
MERCER COUNTY	4,774	393	4,349	32
Hamilton Twp.	1,078	60	1,016	2
Trenton	2,078	252	1,820	6
MIDDLESEX COUNTY	9,538	589	8,653	296
Edison Twp.	1,376	78	1,243	55
New Brunswick	623	63	554	6
Old Bridge Twp.	684	32	599	53
Piscataway Twp.	639	34	586	19
Woodbridge Twp.	1,120	68	1,002	50
MONMOUTH COUNTY	8,020	520	7,226	274
Middletown Twp.	786	38	719	29
MORRIS COUNTY	5,616	262	5,271	83
Parsippany-Troy Hills	577	27	546	4
OCEAN COUNTY	5,560	249	5,176	135
Brick Twp.	892	37	849	6
Dover Twp.	978	46	923	9
PASSAIC COUNTY	7,632	621	6,937	74
Clifton	808	48	752	8
Passaic City	1,306	102	1,185	19
Paterson	3,228	336	2,883	9
Wayne Twp.	512	36	466	10
SALEM COUNTY	813	54	736	23
SOMERSET COUNTY	3,200	152	3,016	32
SUSSEX COUNTY	2,099	123	1,905	71
UNION COUNTY	7,101	505	6,460	136
Elizabeth	2,036	181	1,831	24
Plainfield	989	102	880	7
Union Twp.	486	19	460	7
WARREN COUNTY	1,375	70	1,294	11
STATE INSTITUTIONS	1	0	1	0
MILITARY POSTS	190	22	168	0

TABLE-4

NEW JERSEY
RESIDENT BIRTHS BY AGE OF MOTHER, COUNTIES AND SELECTED PLACES
1987

PLACE OF RESIDENCE	TOTAL	Age of Mother							
		<16	16	17	18	19	20-34	35+	Unkn.
STATE TOTAL	113,234	856	1,302	2,004	2,772	3,453	92,112	10,652	83
ATLANTIC COUNTY	3,507	42	51	84	119	119	2,886	205	1
Atlantic City	849	25	25	44	51	51	615	38	0
BERGEN COUNTY	9,711	13	18	41	69	94	8,105	1,369	2
BURLINGTON COUNTY	5,473	28	59	101	123	163	4,556	435	8
CAMDEN COUNTY	8,500	83	140	226	282	347	6,817	586	19
Camden City	2,360	68	107	137	177	195	1,590	82	4
Cherry Hill Twp.	796	0	2	4	2	5	671	106	6
Gloucester Twp.	619	2	2	2	14	14	548	34	3
CAPE MAY COUNTY	1,298	2	9	28	28	50	1,083	96	2
CUMBERLAND COUNTY	2,178	49	67	83	125	108	1,635	111	0
Vineland City	831	7	20	21	47	52	638	46	0
ESSEX COUNTY	13,262	189	295	408	521	661	10,000	1,184	4
Bloomfield	573	0	4	0	7	6	495	61	0
East Orange	1,533	22	35	46	63	88	1,169	108	2
Irvington	1,114	22	25	32	53	69	839	74	0
Newark	6,014	131	206	287	353	441	4,279	316	1
GLOUCESTER COUNTY	3,190	17	23	60	78	120	2,635	249	8
HUDSON COUNTY	8,750	83	143	170	275	333	6,971	772	3
Bayonne	697	1	6	12	10	20	581	67	0
Hoboken	458	4	6	6	15	18	355	54	0
Jersey City	4,266	68	105	119	187	201	3,239	345	2
North Bergen Twp.	646	1	3	7	9	12	558	56	0
Union City	938	7	9	15	21	36	767	83	0
HUNTERDON COUNTY	1,446	3	4	4	8	18	1,209	197	3
MERCER COUNTY	4,774	79	86	117	148	178	3,707	453	6
Hamilton Twp.	1,078	5	4	12	14	19	919	104	1
Trenton	2,078	71	76	96	121	148	1,468	96	2
MIDDLESEX COUNTY	9,538	30	61	95	185	198	8,150	814	5
Edison Twp.	1,376	1	2	7	21	17	1,189	137	2
New Brunswick	623	14	17	17	32	37	469	37	0
Old Bridge Twp.	684	0	0	2	13	6	616	47	0
Piscataway Twp.	639	1	8	6	9	14	537	64	0
Woodbridge Twp.	1,120	2	3	2	15	18	995	84	1
MONMOUTH COUNTY	8,020	44	62	93	128	196	6,648	843	6
Middletown Twp.	786	0	3	7	11	8	645	112	0
MORRIS COUNTY	5,616	2	9	22	47	69	4,710	754	3
Parsippany-Troy Hills	577	0	1	1	1	4	503	67	0
OCEAN COUNTY	5,560	34	32	65	101	140	4,730	455	3
Brick Twp.	892	7	2	5	12	12	785	68	1
Dover Twp.	978	3	4	13	13	24	823	98	0
PASSAIC COUNTY	7,632	88	124	208	233	314	6,032	632	1
Clifton	808	0	5	4	4	11	705	79	0
Passaic City	1,306	23	28	39	51	61	1,009	94	1
Paterson	3,228	63	87	160	160	218	2,354	186	0
Wayne Twp.	512	1	1	1	3	5	432	69	0
SALEM COUNTY	813	9	18	23	31	45	648	39	0
SOMERSET COUNTY	3,200	9	8	24	33	38	2,684	404	0
SUSSEX COUNTY	2,099	1	13	19	28	28	1,780	229	1
UNION COUNTY	7,101	44	73	116	170	197	5,783	716	2
Elizabeth	2,036	11	31	51	79	75	1,634	153	2
Plainfield	989	21	22	32	45	55	752	62	0
Union Twp.	486	1	4	1	4	6	417	53	0
WARREN COUNTY	1,375	7	7	15	36	31	1,175	98	6
STATE INSTITUTIONS	1	0	0	0	0	0	1	0	0
MILITARY POSTS	190	0	0	2	4	6	167	11	0

TABLE-5

NEW JERSEY
MARRIAGES BY SEX, PREVIOUS MARITAL STATUS, AVERAGE AGE
1987

		WOMEN				MEN				AVERAGE AGE	
PLACE OF MARRIAGE	Total	Single	Widowed	Divorced	Unk	Single	Widowed	Divorced	Unk	Women	Men
STATE TOTAL	60,550	45,193	1,565	13,788	4	44,129	1,582	14,837	2	28	30
ATLANTIC COUNTY	1,905	1,341	57	507	0	1,314	43	548	0	28	31
Atlantic City	406	305	17	84	0	308	7	91	0	29	31
BERGEN COUNTY	6,587	5,082	178	1,327	0	4,911	174	1,501	1	28	31
BURLINGTON COUNTY	3,023	2,140	81	801	1	2,091	98	834	0	28	30
CAMDEN COUNTY	3,422	2,465	92	865	0	2,414	101	907	0	28	31
Camden City	565	426	17	122	0	419	16	130	0	29	31
Cherry Hill Twp.	529	389	18	122	0	368	20	141	0	29	31
Gloucester Twp.	245	155	4	86	0	157	11	77	0	29	32
CAPE MAY COUNTY	885	589	38	258	0	594	35	256	0	29	32
CUMBERLAND COUNTY	1,060	743	40	277	0	754	26	280	0	28	30
Vineland City	439	325	9	105	0	327	5	107	0	27	29
ESSEX COUNTY	6,304	5,423	143	1,238	0	5,219	158	1,427	0	28	30
Bloomfield	297	232	8	57	0	236	7	54	0	28	30
East Orange	518	406	8	104	0	380	12	126	0	29	31
Irvington	348	270	7	71	0	255	10	83	0	29	31
Newark	2,405	1,958	48	399	0	1,873	48	484	0	27	29
GLOUCESTER COUNTY	1,637	1,192	45	400	0	1,158	38	441	0	27	30
HUDSON COUNTY	4,578	3,486	110	982	0	3,407	86	1,085	0	28	30
Bayonne	445	335	15	95	0	323	12	110	0	28	31
Hoboken	218	176	2	40	0	156	1	61	0	28	31
Jersey City	1,784	1,405	43	336	0	1,373	38	373	0	28	30
North Bergen Twp.	307	221	6	80	0	209	4	94	0	28	31
Union City	549	400	15	134	0	402	8	139	0	28	29
HUNTERDON COUNTY	775	535	20	220	0	515	19	241	0	28	31
MERCER COUNTY	2,452	1,807	59	584	2	1,740	69	643	0	28	31
Hamilton Twp.	706	497	18	189	2	486	16	204	0	28	30
Trenton	709	551	16	142	0	527	25	157	0	28	31
MIDDLESEX COUNTY	4,980	3,797	93	1,090	0	3,726	95	1,159	0	27	30
Edison Twp.	438	337	11	90	0	331	8	99	0	27	29
New Brunswick	933	728	12	193	0	695	8	230	0	27	29
Old Bridge	398	329	9	60	0	325	11	62	0	26	29
Piscataway Twp.	288	201	6	81	0	207	8	73	0	28	30
Woodbridge Twp.	563	413	13	137	0	407	17	139	0	28	31
MONMOUTH COUNTY	4,510	3,275	128	1,107	0	3,206	149	1,155	0	28	31
Middletown Twp.	433	308	12	113	0	324	15	94	0	28	30
MORRIS COUNTY	3,418	2,572	69	777	0	2,545	76	797	0	28	30
Parsippany-Troy Hills	292	211	7	74	0	209	3	80	0	28	31
OCEAN COUNTY	2,571	1,719	128	724	0	1,712	134	725	0	29	31
Brick Twp.	336	219	18	99	0	223	18	95	0	30	32
Dover twp.	596	404	26	166	0	402	27	167	0	28	31
PASSAIC COUNTY	3,982	3,108	80	794	0	2,989	81	912	0	27	30
Clifton	556	435	14	107	0	428	14	114	0	28	30
Passaic City	490	383	4	103	0	367	9	114	0	28	30
Paterson	1,398	1,102	29	267	0	1,061	22	315	0	27	29
Wayne	402	324	7	71	0	291	11	100	0	28	30
SALEM COUNTY	454	325	16	113	0	296	22	136	0	27	30
SOMERSET COUNTY	1,882	1,384	34	464	0	1,345	45	492	0	28	31
SUSSEX COUNTY	920	638	33	249	0	648	25	247	0	28	30
UNION COUNTY	3,943	3,024	106	812	1	2,986	91	865	1	28	30
Elizabeth	1,034	797	28	209	0	802	18	214	0	27	30
Plainfield	231	175	5	50	1	163	6	61	1	28	31
Union Twp.	335	263	6	66	0	265	4	66	0	27	30
WARREN COUNTY	681	494	14	173	0	506	15	160	0	27	29
STATE INSTITUTIONS	0	0	0	0	0	0	0	0	0	0	0
MILITARY POSTS	81	54	1	26	0	53	2	26	0	27	28

TABLE-6

NEW JERSEY
RESIDENT DEATHS BY SEX AND RACE
1987

PLACE OF RESIDENCE	Total	SEX			RACE			
		Male	Female	Unk.	White	Black	Other	Unk.
STATE TOTAL	71,728	36,788	34,936	4	62,414	8,699	499	116
ATLANTIC COUNTY	2,390	1,198	1,192	0	1,912	457	19	2
Atlantic City	737	365	372	0	401	323	12	1
BERGEN COUNTY	7,819	3,929	3,889	1	7,429	283	87	20
BURLINGTON COUNTY	2,839	1,454	1,385	0	2,549	278	11	1
CAMDEN COUNTY	4,423	2,214	2,209	0	3,771	631	19	2
Camden City	855	470	385	0	406	444	4	1
Cherry Hill Twp.	594	263	331	0	567	23	4	0
Gloucester Twp.	224	123	101	0	217	7	0	0
CAPE MAY COUNTY	1,183	577	606	0	1,122	59	2	0
CUMBERLAND COUNTY	1,288	714	574	0	1,111	161	12	4
Vineland City	459	256	203	0	430	25	0	4
ESSEX COUNTY	8,572	4,438	4,134	0	5,314	3,150	70	38
Bloomfield	527	264	263	0	518	5	1	3
East Orange	890	441	449	0	249	628	5	8
Irvington	603	320	283	0	397	199	6	1
Newark	3,192	1,833	1,359	0	1,161	1,977	31	23
GLOUCESTER COUNTY	1,725	880	844	1	1,541	178	5	1
HUDSON COUNTY	5,871	3,073	2,797	1	5,072	690	99	10
Bayonne	795	415	380	0	766	25	4	0
Hoboken	338	173	165	0	321	9	8	0
Jersey City	2,483	1,291	1,192	0	1,788	637	55	3
North Bergen Twp.	543	278	265	0	534	2	6	1
Union City	470	243	226	1	452	4	10	4
HUNTERDON COUNTY	627	314	313	0	616	6	3	2
MERCER COUNTY	3,090	1,577	1,513	0	2,537	539	13	1
Hamilton Twp.	772	381	391	0	741	28	3	0
Trenton	1,263	671	592	0	851	409	2	1
MIDDLESEX COUNTY	5,120	2,739	2,381	0	4,800	269	44	7
Edison Twp.	593	318	275	0	565	21	7	0
New Brunswick	378	201	177	0	266	109	2	1
Old Bridge	331	198	133	0	324	5	2	0
Piscataway Twp.	219	115	104	0	188	25	6	0
Woodbridge Twp.	783	414	369	0	762	15	4	2
MONMOUTH COUNTY	5,152	2,536	2,616	0	4,662	456	28	6
Middletown Twp.	536	267	269	0	521	13	2	0
MORRIS COUNTY	2,934	1,516	1,418	0	2,845	72	14	3
Parsipanny-Troy Hills	283	154	129	0	275	5	3	0
OCEAN COUNTY	5,371	2,915	2,456	0	5,264	87	13	7
Brick Twp.	592	329	263	0	591	0	0	1
Dover Twp.	975	525	450	0	961	10	2	2
PASSAIC COUNTY	4,292	2,157	2,134	1	3,769	502	19	2
Clifton	934	459	475	0	927	2	4	1
Passaic City	534	283	250	1	439	89	5	1
Paterson	1,283	657	626	0	880	400	3	0
Wayne Twp.	396	199	197	0	395	1	0	0
SALEM COUNTY	658	349	309	0	552	105	1	0
SOMERSET COUNTY	1,612	812	800	0	1,537	59	13	3
SUSSEX COUNTY	890	433	457	0	883	5	2	0
UNION COUNTY	5,064	2,538	2,526	0	4,334	699	25	6
Elizabeth	1,105	587	518	0	951	150	4	0
Plainfield	485	233	252	0	214	260	8	3
Union Twp.	614	312	302	0	563	48	2	1
WARREN COUNTY	782	402	380	0	773	8	0	1
STATE INSTITUTIONS	5	4	1	0	4	1	0	0
MILITARY POSTS	21	19	2	0	17	4	0	0

NEW JERSEY
RESIDENT INFANT, FETAL, NEONATAL, PERINATAL DEATHS
1987

PLACE OF RESIDENCE	INFANT DEATHS		FETAL DEATHS		NEONATAL DEATHS		PERINATAL DEATHS	
	Number	Rate	Number	Ratio	Number	Rate	Number	Ratio
STATE TOTAL	1,057	9.3	1,263	11.2	719	6.3	1,982	17.3
ATLANTIC COUNTY	33	9.4	80	22.8	28	8.0	108	30.1
Atlantic City	13	15.3	32	37.7	12	14.1	44	49.9
BERGEN COUNTY	62	6.4	55	5.7	44	4.5	99	10.1
BURLINGTON COUNTY	38	6.9	89	16.3	28	5.1	117	21.0
CAMDEN COUNTY	87	10.2	165	19.4	58	6.8	223	25.7
Camden City	37	15.7	51	21.6	27	11.4	78	32.4
Cherry Hill Twp.	2	2.5	14	17.6	1	1.3	15	18.5
Gloucester Twp.	1	1.6	8	12.9	1	1.6	9	14.4
CAPE MAY COUNTY	14	10.8	28	21.6	11	8.5	39	29.4
CUMBERLAND COUNTY	29	13.3	48	22.0	17	7.8	65	29.2
Vineland City	9	10.8	22	26.5	7	8.4	29	34.0
ESSEX COUNTY	175	13.2	165	12.4	114	8.6	279	20.8
Bloomfield	1	1.7	4	7.0	1	1.7	5	8.7
East Orange	27	17.6	18	11.7	15	9.8	33	21.3
Irvington	13	11.7	9	8.1	8	7.2	17	15.1
Newark	97	16.1	100	16.6	64	10.6	164	26.8
GLOUCESTER COUNTY	32	10.0	60	18.8	20	6.3	80	24.6
HUDSON COUNTY	85	9.7	83	9.5	49	5.6	132	14.9
Bayonne	5	7.2	2	2.9	2	2.9	4	5.7
Hoboken	1	2.2	3	6.6	0	0.0	3	6.5
Jersey City	49	11.5	43	10.1	29	6.8	72	16.7
North Bergen Twp.	2	3.1	11	17.0	1	1.5	12	18.3
Union City	9	9.6	13	13.9	5	5.3	18	18.9
HUNTERDON COUNTY	7	4.8	17	11.8	4	2.8	21	14.4
MERCER COUNTY	72	15.1	53	11.1	54	11.3	107	22.2
Hamilton Twp.	15	13.9	5	4.6	12	11.1	17	15.7
Trenton	36	17.3	35	16.8	24	11.5	59	27.9
MIDDLESEX COUNTY	77	8.1	76	8.0	62	6.5	138	14.4
Edison Twp.	9	6.5	7	5.1	7	5.1	14	10.1
New Brunswick	7	11.2	14	22.5	4	6.4	18	28.3
Old Bridge Twp.	6	8.8	5	7.3	4	5.8	9	13.1
Piscataway Twp.	4	6.3	5	7.8	3	4.7	8	12.4
Woodbridge Twp.	11	9.8	8	7.1	11	9.8	19	16.8
MONMOUTH COUNTY	73	9.1	61	7.6	47	5.9	108	13.4
Middletown Twp.	6	7.6	5	6.4	4	5.1	9	11.4
MORRIS COUNTY	39	6.9	36	6.4	25	4.5	61	10.8
Parsippany-Troy Hills	3	5.2	3	5.2	3	5.2	6	10.3
OCEAN COUNTY	37	6.7	40	7.2	30	5.4	70	12.5
Brick Twp.	5	5.6	3	3.4	4	4.5	7	7.8
Dover Twp.	9	9.2	5	5.1	6	6.1	11	11.2
PASSAIC COUNTY	74	9.7	76	10.0	44	5.8	120	15.6
Clifton	6	7.4	7	8.7	4	5.0	11	13.5
Passaic City	14	10.7	20	15.3	6	4.6	26	19.6
Paterson	42	13.0	38	11.8	25	7.7	63	19.3
Wayne Twp.	4	7.8	3	5.9	3	5.9	6	11.7
SALEM COUNTY	4	4.9	12	14.8	2	2.5	14	17.0
SOMERSET COUNTY	28	8.7	28	8.7	21	6.6	49	15.2
SUSSEX COUNTY	11	5.2	7	3.3	9	4.3	16	7.6
UNION COUNTY	65	9.2	64	9.0	39	5.5	103	14.4
Elizabeth	15	7.4	16	7.9	9	4.4	25	12.2
Plainfield	13	13.1	7	7.1	8	8.1	15	15.1
Union Twp.	3	6.2	1	2.1	0	0.0	1	2.1
WARREN COUNTY	12	8.7	13	9.5	11	8.0	24	17.3
STATE INSTITUTIONS	0		0		0		0	
MILITARY POSTS	3		7		2		9	

NOTE: Rates not computed for State Institutions and Military Posts due to lack of population base.

TABLE-8

NEW JERSEY
RESIDENTS DEATHS BY SUICIDE, HOMICIDE
RATES PER 100,000 POPULATION
1987

	SUICIDE		HOMICIDE	
PLACE OF RESIDENCE	Number	Rate	Number	Rate
STATE TOTAL	710	9.3	406	5.3
ATLANTIC COUNTY	20	9.6	21	10.1
Atlantic City	6	16.9	15	42.3
BERGEN COUNTY	72	8.7	21	2.5
BURLINGTON COUNTY	29	7.5	9	2.3
CAMDEN COUNTY	50	10.1	34	6.9
Camden City	10	12.2	24	29.4
Cherry Hill Twp.	9	12.2	0	0.0
Gloucester Twp.	2	3.9	0	0.0
CAPE MAY COUNTY	3	3.2	0	0.0
CUMBERLAND COUNTY	15	10.9	3	2.2
Vineland City	4	7.3	0	0.0
ESSEX COUNTY	69	8.2	128	15.2
Bloomfield	7	14.6	2	4.2
East Orange	4	5.2	19	24.6
Irvington	3	4.8	13	20.9
Newark	21	6.7	88	27.9
GLOUCESTER COUNTY	22	10.3	12	5.6
HUDSON COUNTY	63	11.5	46	8.4
Bayonne	7	11.3	4	6.5
Hoboken	3	7.2	3	7.2
Jersey City	24	11.0	21	9.7
North Bergen Twp.	8	17.1	4	8.6
Union City	9	16.4	5	9.1
HUNTERDON COUNTY	8	8.1	2	2.0
MERCER COUNTY	25	7.6	17	5.2
Hamilton Twp.	10	11.5	4	4.6
Trenton	6	6.6	12	13.2
MIDDLESEX COUNTY	47	7.3	17	2.6
Edison Twp.	3	3.6	1	1.2
New Brunswick	2	5.1	3	7.6
Old Bridge Twp.	5	8.8	1	1.8
Piscataway Twp.	3	6.8	2	4.5
Woodbridge Twp.	9	9.6	0	0.0
MONMOUTH COUNTY	52	9.4	18	3.3
Middletown Twp.	5	7.2	2	2.9
MORRIS COUNTY	39	9.3	7	1.7
Parsippany-Troy Hills	2	4.1	2	4.1
OCEAN COUNTY	56	13.9	4	1.0
Brick Twp.	2	3.2	0	0.0
Dover Twp.	10	13.8	0	0.0
PASSAIC COUNTY	42	9.1	33	7.1
Clifton	6	7.8	0	0.0
Passaic City	2	3.7	8	14.9
Paterson	16	11.6	19	13.7
Wayne Twp.	8	15.6	1	2.0
SALEM COUNTY	8	12.2	3	4.6
SOMERSET COUNTY	24	10.8	3	1.4
SUSSEX COUNTY	6	4.8	5	4.0
UNION COUNTY	42	8.4	21	4.2
Elizabeth	7	6.6	11	10.4
Plainfield	5	11.0	2	4.4
Union Twp.	4	7.9	1	2.0
WARREN COUNTY	16	18.3	2	2.3
STATE INSTITUTIONS	0		0	
MILITARY POSTS	2		0	

NOTE: Rates not computed for State Institutions and Military Posts due to lack of population base.

TABLE-9

NEW JERSEY
RESIDENT DEATHS FROM HEART DISEASE, CANCER, ALL ACCIDENTS AND DIABETES
RATES PER 100,000 POPULATION
1987

PLACE OF RESIDENCE	HEART DISEASE		CANCER		ALL ACCIDENTS		DIABETES	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	26,931	351.0	17,123	223.2	2,358	30.7	1,562	20.4
ATLANTIC COUNTY	870	417.2	570	273.3	102	48.9	47	22.5
Atlantic City	265	747.9	164	462.9	27	76.2	17	48.0
BERGEN COUNTY	3,144	378.6	2,000	240.8	221	26.6	168	20.2
BURLINGTON COUNTY	1,097	282.6	656	169.0	97	25.0	42	10.8
CAMDEN COUNTY	1,647	331.8	1,078	217.2	160	32.2	104	21.0
Camden City	275	336.7	182	222.8	50	61.2	24	29.4
Cherry Hill Twp.	239	324.5	146	198.2	21	28.5	17	23.1
Gloucester Twp.	100	193.6	45	87.1	10	19.4	5	9.7
CAPE MAY COUNTY	480	509.8	280	297.4	41	43.5	14	14.9
CUMBERLAND COUNTY	484	351.8	277	201.4	74	53.8	29	21.1
Vineland City	174	319.3	99	181.7	29	53.2	12	22.0
ESSEX COUNTY	2,977	352.5	1,857	219.9	269	31.9	195	23.1
Bloomfield	197	410.5	137	285.5	11	22.9	12	25.0
East Orange	300	388.9	166	215.2	23	29.8	23	29.8
Irvington	218	350.2	141	226.5	18	28.9	10	16.1
Newark	910	288.7	600	190.4	138	43.8	84	26.7
GLOUCESTER COUNTY	596	279.8	419	196.7	87	40.8	48	22.5
HUDSON COUNTY	2,140	391.1	1,297	237.0	167	30.5	149	27.2
Bayonne	301	486.7	201	325.0	18	29.1	25	40.4
Hoboken	150	359.7	62	148.7	9	21.6	7	16.8
Jersey City	825	379.7	497	228.8	81	37.3	58	26.7
North Bergen Twp.	222	475.5	123	263.4	13	27.8	13	27.8
Union City	179	326.0	91	165.7	11	20.0	14	25.5
HUNTERDON COUNTY	212	214.3	160	161.8	27	27.3	10	10.1
MERCER COUNTY	1,133	346.4	696	212.8	122	37.3	67	20.5
Hamilton Twp.	300	344.4	182	208.9	21	24.1	16	18.4
Trenton	443	488.7	244	269.2	71	78.3	30	33.1
MIDDLESEX COUNTY	1,841	285.1	1,295	200.6	202	31.3	128	19.8
Edison Twp.	202	240.0	170	202.0	20	23.8	13	15.4
New Brunswick	133	336.1	70	176.9	18	45.5	12	30.3
Old Bridge Twp.	111	196.0	79	139.5	12	21.2	9	15.9
Piscataway Twp.	74	168.0	46	104.4	15	34.0	7	15.9
Woodbridge Twp.	302	321.3	178	189.3	32	34.0	20	21.3
MONMOUTH COUNTY	1,863	336.5	1,297	234.3	150	27.1	120	21.7
Middletown Twp.	176	252.8	156	224.1	11	15.8	7	10.1
MORRIS COUNTY	1,061	253.0	717	170.9	104	24.8	53	12.6
Parsippany-Troy Hills	94	193.1	75	154.1	12	24.7	8	16.4
OCEAN COUNTY	2,196	544.9	1,391	345.2	122	30.3	106	26.3
Brick Twp.	245	395.4	157	253.4	10	16.1	10	16.1
Dover Twp.	406	559.6	267	368.0	26	35.8	23	31.7
PASSAIC COUNTY	1,752	377.8	943	203.3	105	22.6	109	23.5
Clifton	423	553.0	227	296.8	13	17.0	20	26.1
Passaic City	213	395.5	108	200.5	18	33.4	16	29.7
Paterson	460	332.9	247	178.7	30	21.7	43	31.1
Wayne Twp.	172	336.3	107	209.2	7	13.7	3	5.9
SALEM COUNTY	275	420.7	144	220.3	22	33.7	10	15.3
SOMERSET COUNTY	588	265.3	415	187.3	51	23.0	30	13.5
SUSSEX COUNTY	339	272.7	213	171.3	43	34.6	15	12.1
UNION COUNTY	1,934	384.9	1,235	245.8	159	31.6	102	20.3
Elizabeth	392	370.2	248	234.2	43	40.6	17	16.1
Plainfield	162	355.1	90	197.3	24	52.6	13	28.5
Union Twp.	259	508.4	169	331.7	12	23.6	11	21.6
WARREN COUNTY	297	340.5	179	205.2	31	35.5	16	18.3
STATE INSTITUTIONS	0		2		1		0	
MILITARY POSTS	5		2		1		0	

Note: Rates not computed for State Institutions and Military Posts due to lack of population base.

TABLE-10

NEW JERSEY
RESIDENT DEATHS FROM CEREBROVASCULAR DISEASES BY SEX AND AGE
1987

			SEX		AGE GROUP							
PLACE OF RESIDENCE	TOTAL	RATE	MALE	FEMALE	1	1-4	5-14	15-24	25-44	45-64	65+	Ukn.
STATE TOTAL	4,478	58.4	1,804	2,674	6	2	3	10	115	573	3,768	1
ATLANTIC COUNTY	160	76.7	65	95	0	0	1	0	7	19	133	0
Atlantic City	42	118.5	17	25	0	0	1	0	2	7	32	0
BERGEN COUNTY	530	63.8	199	331	0	0	0	2	8	56	463	1
BURLINGTON COUNTY	196	50.5	72	124	0	0	0	0	3	36	157	0
CAMDEN COUNTY	280	56.4	120	160	1	1	0	1	6	41	230	0
Camden City	50	61.2	26	24	0	0	0	0	4	9	37	0
Cherry Hill Twp.	32	43.4	12	20	0	0	0	0	0	3	29	0
Gloucester Twp.	9	17.4	5	4	0	0	0	0	0	5	4	0
CAPE MAY COUNTY	87	92.4	38	49	0	0	0	0	0	9	78	0
CUMBERLAND COUNTY	85	61.8	42	43	0	0	0	0	2	14	69	0
Vineland City	31	56.9	16	15	0	0	0	0	0	4	27	0
ESSEX COUNTY	504	59.7	197	307	2	1	0	2	17	84	398	0
Bloomfield	47	97.9	17	30	0	1	0	1	0	7	38	0
East Orange	56	72.6	24	32	1	0	0	0	2	14	39	0
Irvington	25	40.2	10	15	0	0	0	0	2	6	17	0
Newark	151	47.9	67	84	1	0	0	1	11	34	104	0
GLOUCESTER COUNTY	92	43.2	35	57	0	0	0	1	3	17	71	0
HUDSON COUNTY	337	61.6	157	180	1	0	0	0	18	60	258	0
Bayonne	34	55.0	17	17	1	0	0	0	1	8	24	0
Hoboken	19	45.6	12	7	0	0	0	0	2	1	16	0
Jersey City	141	64.9	63	78	0	0	0	0	9	28	104	0
North Bergen Twp.	42	90.0	19	23	0	0	0	0	0	4	38	0
Union City	38	69.2	16	22	0	0	0	0	3	7	28	0
HUNTERDON COUNTY	42	42.5	18	24	0	0	1	0	3	3	35	0
MERCER COUNTY	159	48.6	70	89	0	0	0	0	7	21	131	0
Hamilton Twp.	35	40.2	15	20	0	0	0	0	2	6	27	0
Trenton	61	67.3	28	33	0	0	0	0	5	8	48	0
MIDDLESEX COUNTY	281	43.5	112	169	0	0	0	1	6	43	231	0
Edison Twp.	32	38.0	15	17	0	0	0	0	0	6	26	0
New Brunswick	11	27.8	4	7	0	0	0	0	1	3	7	0
Old Bridge Twp.	18	31.8	13	5	0	0	0	0	0	5	13	0
Piscataway Twp.	15	34.0	3	12	0	0	0	0	1	1	13	0
Woodbridge Twp.	48	51.1	16	32	0	0	0	0	0	9	39	0
MONMOUTH COUNTY	333	60.1	122	211	0	0	0	1	6	37	289	0
Middletown Twp.	39	56.0	19	20	0	0	0	0	0	3	36	0
MORRIS COUNTY	188	44.8	80	108	0	0	0	1	2	21	164	0
Parsippany-Troy Hills	14	28.8	8	6	0	0	0	1	0	5	8	0
OCEAN COUNTY	340	84.4	143	197	0	0	0	0	8	27	305	0
Brick Twp.	35	56.5	14	21	0	0	0	0	0	4	31	0
Dover Twp.	54	74.4	22	32	0	0	0	0	1	4	49	0
PASSAIC COUNTY	295	63.6	127	168	1	0	1	0	10	35	248	0
Clifton	59	77.1	27	32	0	0	0	0	2	4	53	0
Passaic City	33	61.3	11	22	1	0	0	0	1	8	23	0
Paterson	95	68.7	41	54	0	0	1	0	6	15	73	0
Wayne Twp.	31	60.6	15	16	0	0	0	0	0	4	27	0
SALEM COUNTY	44	67.3	19	25	0	0	0	0	0	4	40	0
SOMERSET COUNTY	108	48.7	29	79	0	0	0	0	3	10	95	0
SUSSEX COUNTY	64	51.5	18	46	0	0	0	0	2	7	55	0
UNION COUNTY	306	60.9	122	184	1	0	0	1	3	27	274	0
Elizabeth	60	56.7	31	29	0	0	0	0	0	7	53	0
Plainfield	32	70.1	14	18	0	0	0	0	1	3	28	0
Union Twp.	39	76.6	12	27	0	0	0	0	1	1	37	0
WARREN COUNTY	47	53.9	19	28	0	0	0	0	1	2	44	0
STATE INSTITUTIONS	0	0	0	0	0	0	0	0	0	0	0	0
MILITARY POSTS	0	0	0	0	0	0	0	0	0	0	0	0

TABLE-11

NEW JERSEY
PRINCIPAL CAUSES OF RESIDENT DEATHS BY AGE
1987

RANK ORDER	CAUSE AND CODE NUMBERS (9TH REVISION)	NUMBER OF DEATHS	RATE PER 100,000 EST. POP.
	TOTAL DEATHS-ALL AGES	71,728	934.9
1.	Diseases of heart (390-398, 402, 404-429)	26,931	351.0
2.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	17,123	223.2
3.	Cerebrovascular diseases (430-438)	4,478	58.4
4.	Accidents (E800-E949)	2,358	30.7
5.	Pneumonia and influenza (480-487)	2,131	27.8
6.	Diabetes mellitus (250)	1,562	20.4
7.	Septicemia (038)	1,042	13.6
8.	Chronic liver disease and cirrhosis (571)	1,038	13.5
9.	Nephritis, nephrotic syndrome and nephrosis (580-589)	894	11.7
10.	Other diseases of arteries, arterioles and capillaries (441-448)	763	9.9
11.	Suicide (E950-E959)	710	9.3
12.	Atherosclerosis (440)	635	8.3
13.	Bronchitis, emphysema and asthma (490-493)	601	7.8
	All other causes	11,462	149.4
	TOTAL DEATHS 1-4 YEARS	205	51.0
1.	Accidents (E800-E949)	61	15.2
2.	Congenital anomalies (740-759)	27	6.7
3.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	21	5.2
4.	Diseases of heart (390-398, 402, 404-429)	11	2.7
	All other causes	85	21.1
	TOTAL DEATHS 5-14 YEARS	237	23.9
1.	Accidents (E800-E949)	95	9.6
2.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	36	3.6
3.	Congenital anomalies (740-759)	13	1.3
4.	Diseases of heart (390-398, 402, 404-429)	10	1.0
5.	Homicide and legal intervention (E960-E978)	5	0.5
	All other causes	78	7.9
	TOTAL DEATHS 15-24 YEARS	908	77.2
1.	Accidents (E800-E949)	403	34.2
2.	Homicide and legal intervention (E960-E978)	103	8.8
3.	Suicide (E950-E959)	97	8.2
4.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	57	4.8
5.	Diseases of heart (390-398, 402, 404-429)	30	2.5
	All other causes	218	18.5

TABLE-11 (Continued)

NEW JERSEY
PRINCIPAL CAUSES OF RESIDENT DEATHS BY AGE
1987

RANK ORDER	CAUSE AND CODE NUMBERS (9TH REVISION)	NUMBER OF DEATHS	RATE PER 100,000 EST. POP.
	TOTAL DEATHS 25-44 YEARS	4,778	199.6
1.	Accidents (E800-E949)	794	33.2
2.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	713	29.8
3.	Diseases of heart (390-398,402,404-429)	561	23.4
4.	Suicide (E950-E959)	263	11.0
5.	Chronic liver disease and cirrhosis (571)	230	9.6
6.	Homicide and legal intervention (E960-E978)	188	7.9
7.	Cerebrovascular diseases (430-438)	115	4.8
	All other causes	1,914	80.0
	TOTAL DEATHS 45-64 YEARS	13,437	839.9
1.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	4,940	308.8
2.	Diseases of heart (390-398,402,404-429)	4,257	266.1
3.	Cerebrovascular diseases (430-438)	573	35.8
4.	Chronic liver disease and cirrhosis (571)	433	27.1
5.	Accidents (E800-E949)	372	23.3
6.	Diabetes mellitus (250)	356	22.3
7.	Pneumonia and influenza (480-487)	187	11.7
8.	Suicide (E950-E959)	173	10.8
9.	Other diseases of arteries, arterioles and capillaries (441-448)	136	8.5
10.	Nephritis, nephrotic syndrome and nephrosis (580-589)	129	8.1
	All other causes	1,881	117.6
	TOTAL DEATHS 65 YEARS AND OVER	51,082	5,139.3
1.	Diseases of heart (390-398,402,404-429)	22,032	2,216.6
2.	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	11,352	1,142.1
3.	Cerebrovascular diseases (430-438)	3,768	379.1
4.	Pneumonia and influenza (480-487)	1,809	182.0
5.	Diabetes mellitus (250)	1,124	113.1
6.	Septicemia (038)	847	85.2
7.	Nephritis, nephrotic syndrome and nephrosis (580-589)	710	71.4
8.	Accidents (E800-E949)	616	62.0
9.	Other diseases of arteries, arterioles and capillaries (441-448)	601	60.5
10.	Atherosclerosis (440)	583	58.7
	All other causes	7,640	768.7

Note: Rates may not add to total death rate due to rounding.

TABLE-12

NEW JERSEY
TUBERCULOSIS MORBIDITY AND MORTALITY
RATES PER 100,000 POPULATION
1987

Place of Residence	VERIFIED CASES Number	VERIFIED CASES Rate	ALL CASES Number	ALL CASES Rate	DEATHS Number	DEATHS Rate
STATE TOTAL	748	9.7	1,063	13.9	74	1.0
ATLANTIC COUNTY	28	13.4	33	15.8	4	1.9
Atlantic City	20	56.4	24	67.7	2	5.6
BERGEN COUNTY	38	4.6	55	6.6	1	0.1
BURLINGTON COUNTY	13	3.3	15	3.9	0	0.0
CAMDEN COUNTY	27	5.4	39	7.9	4	0.8
Camden City	10	12.2	15	18.4	3	3.7
Cherry Hill Twp.	4	5.4	4	5.4	0	0.0
Gloucester Twp.	1	1.9	1	1.9	0	0.0
CAPE MAY COUNTY	6	6.4	9	9.6	1	1.1
CUMBERLAND COUNTY	10	7.3	13	9.4	1	0.7
Vineland City	9	16.5	11	20.2	0	0.0
ESSEX COUNTY	197	23.3	245	29.0	30	3.6
Bloomfield	3	6.3	3	6.3	1	2.1
East Orange	21	27.2	29	37.6	2	2.6
Irvington	24	38.6	34	54.6	1	1.6
Newark	124	39.3	146	46.3	21	6.7
GLOUCESTER COUNTY	6	2.8	7	3.3	0	0.0
HUDSON COUNTY	92	16.8	149	27.2	12	2.2
Bayonne	6	9.7	8	12.9	1	1.6
Hoboken	7	16.8	7	16.8	1	2.4
Jersey City	64	29.5	107	49.3	8	3.7
North Bergen Twp.	3	6.4	4	8.6	1	2.1
Union City	5	9.1	10	18.2	1	1.8
HUNTERDON COUNTY	6	6.1	9	9.1	0	0.0
MERCER COUNTY	30	9.2	33	10.1	2	0.6
Hamilton Twp.	0	0.0	0	0.0	1	1.1
Trenton	24	26.5	27	29.8	1	1.1
MIDDLESEX COUNTY	55	8.5	114	17.7	4	0.6
Edison Twp.	7	8.3	13	15.4	1	1.2
New Brunswick	8	20.2	11	27.8	0	0.0
Old Bridge Twp.	0	0.0	0	0.0	0	0.0
Piscataway Twp.	5	11.3	8	18.2	1	2.3
Woodbridge Twp.	7	7.4	18	19.1	0	0.0
MONMOUTH COUNTY	43	7.8	66	11.9	3	0.5
Middletown Twp.	1	1.4	1	1.4	0	0.0
MORRIS COUNTY	18	4.3	27	6.4	0	0.0
Parsippany-Troy Hills	2	4.1	4	8.2	0	0.0
OCEAN COUNTY	11	2.7	14	3.5	3	0.7
Brick Twp.	1	1.6	1	1.6	0	0.0
Dover Twp.	2	2.8	3	4.1	0	0.0
PASSAIC COUNTY	71	15.3	112	24.2	4	0.9
Clifton	4	5.2	10	13.1	0	0.0
Passaic City	11	20.4	20	37.1	0	0.0
Paterson	54	39.1	75	54.3	3	2.2
Wayne Twp.	0	0.0	1	2.0	0	0.0
SALEM COUNTY	3	4.6	5	7.6	0	0.0
SOMERSET COUNTY	7	3.2	9	4.1	3	1.4
SUSSEX COUNTY	2	1.6	6	4.8	0	0.0
UNION COUNTY	58	11.5	71	14.1	2	0.4
Elizabeth	33	31.2	42	39.7	2	1.9
Plainfield	5	11.0	5	11.0	0	0.0
Union Twp.	3	5.9	3	5.9	0	0.0
WARREN COUNTY	2	2.3	2	2.3	0	0.0
STATE INSTITUTIONS	25		30		0	
MILITARY POSTS	0		0		0	

NOTE: Rates not computed for State Institutions and Military Posts due to lack of population base.

TABLE-13

RESIDENT CASES OF SYPHILIS BY STAGE, AND GONORRHEA
RATES PER 100,000 ESTIMATED POPULATION, COUNTIES AND SELECTED PLACES
NEW JERSEY: 1987

	SYPHILIS								GONORRHEA	
	TOTAL CASES		PRIMARY AND SECONDARY		EARLY LATENT		LATE AND LATE LATENT			
PLACE OF RESIDENCE	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	2,209	28.8	753	9.8	579	7.5	865	11.3	17,150	223.5
ATLANTIC COUNTY	151	72.4	39	18.7	33	15.8	77	36.9	584	280.0
Atlantic City	119	335.9	31	87.5	29	81.8	57	160.9	372	1,049.9
BERGEN COUNTY	96	11.6	24	2.9	24	2.9	48	5.8	407	49.0
BURLINGTON COUNTY	37	9.5	8	2.1	9	2.3	18	4.6	278	71.6
CAMDEN COUNTY	143	28.8	30	6.0	37	7.5	75	15.1	1,062	214.0
Camden City	114	139.6	24	29.4	33	40.4	56	68.6	893	1,093.4
Cherry Hill Twp.	0	0.0	0	0.0	0	0.0	0	0.0	15	20.4
Gloucester Twp.	1	1.9	1	1.9	0	0.0	0	0.0	12	23.2
CAPE MAY COUNTY	12	12.7	2	2.1	1	1.1	9	9.6	69	73.3
CUMBERLAND COUNTY	88	64.0	25	18.2	37	26.9	26	18.9	556	404.2
Vineland City	34	62.4	11	20.2	19	34.9	4	7.3	194	356.0
ESSEX COUNTY	467	55.3	195	23.1	180	21.3	92	10.9	5,111	605.2
Bloomfield	4	8.3	0	0.0	1	2.1	3	6.3	16	33.3
East Orange	69	89.4	30	38.9	27	35.0	12	15.6	851	1,103.2
Irvington	31	49.8	11	17.7	7	11.2	13	20.9	421	676.3
Newark	316	100.3	140	44.4	121	38.4	55	17.4	3,460	1,097.7
GLOUCESTER COUNTY	17	8.0	5	2.3	1	0.5	11	5.2	205	96.2
HUDSON COUNTY	321	58.7	144	26.3	56	10.2	120	21.9	1,493	272.8
Bayonne	7	11.3	1	1.6	1	1.6	5	8.1	38	61.4
Hoboken	7	16.8	2	4.8	4	9.6	2	4.8	24	57.6
Jersey City	228	104.9	123	56.6	42	19.3	62	28.5	1,339	616.3
North Bergen Twp.	13	27.8	1	2.1	1	2.1	11	23.6	11	23.6
Union City	21	38.2	5	9.1	0	0.0	16	29.1	45	81.9
HUNTERDON COUNTY	2	2.0	1	1.0	0	0.0	1	1.0	20	20.2
MERCER COUNTY	113	34.5	56	17.1	28	8.6	28	8.6	2,912	890.2
Hamilton Twp.	2	2.3	0	0.0	1	1.1	1	1.1	59	67.7
Trenton	108	119.1	56	61.8	27	29.8	24	26.5	2,757	3,041.5
MIDDLESEX COUNTY	76	11.8	18	2.8	14	2.2	44	6.8	701	108.6
Edison Twp.	12	14.3	2	2.4	3	3.6	7	8.3	56	66.5
New Brunswick	20	50.5	5	12.6	4	10.1	11	27.8	428	1,081.7
Old Bridge Twp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Piscataway Twp.	6	13.6	1	2.3	2	4.5	3	6.8	44	99.9
Woodbridge Twp.	8	8.5	3	3.2	0	0.0	5	5.3	14	14.9
MONMOUTH COUNTY	110	19.9	43	7.8	30	5.4	37	6.7	449	81.1
Middletown Twp.	0	0.0	0	0.0	0	0.0	0	0.0	8	11.5
MORRIS COUNTY	30	7.2	6	1.4	2	0.5	22	5.2	129	30.8
Parsippany-Troy Hills	4	8.2	1	2.1	0	0.0	3	6.2	8	16.4
OCEAN COUNTY	9	2.2	0	0.0	2	0.5	7	1.7	118	29.3
Brick Twp.	0	0.0	0	0.0	0	0.0	0	0.0	8	12.9
Dover Twp.	1	1.4	0	0.0	0	0.0	1	1.4	24	33.1
PASSAIC COUNTY	292	63.0	81	17.5	75	16.2	134	28.9	1,574	339.4
Clifton	3	3.9	0	0.0	1	1.3	2	2.6	21	27.5
Passaic City	77	143.0	16	29.7	22	40.8	38	70.6	161	298.9
Paterson	205	148.3	63	45.6	50	36.2	91	65.8	1,357	981.9
Wayne Twp.	2	3.9	0	0.0	2	3.9	0	0.0	20	39.1
SALEM COUNTY	19	29.1	7	10.7	6	9.2	5	7.6	218	333.5
SOMERSET COUNTY	9	4.1	2	0.9	3	1.4	4	1.8	155	69.9
SUSSEX COUNTY	2	1.6	1	0.8	0	0.0	1	0.8	12	9.7
UNION COUNTY	177	35.2	60	11.9	35	7.0	80	15.9	909	180.9
Elizabeth	37	32.2	19	17.9	18	17.0	50	47.2	176	166.2
Plainfield	41	89.9	17	37.3	8	17.5	14	30.7	483	1,058.7
Union Twp.	4	7.9	1	2.0	0	0.0	3	5.9	29	56.9
WARREN COUNTY	6	6.9	1	1.1	2	2.3	3	3.4	17	19.5
STATE INSTITUTIONS	19		0		0		19		13	
MILITARY POSTS	13		5		4		4		158	

Rates not computed for State Institutions and Military Posts due to lack of population base.

TABLE-14

RESIDENT CASES OF SYPHILIS BY STAGE, AND GONORRHEA (EXCLUDING MILITARY) BY AGE AND SEX AGE- AND SEX-SPECIFIC RATES PER 100,000 POPULATION NEW JERSEY: 1987

	SYPHILIS CASES											
	Total		PRIMARY AND SECONDARY		EARLY LATENT		LATE AND LATE LATENT		CONGENITAL		GONORRHEA	
Sex and Age	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
TOTAL	2,196	28.6	748	9.7	575	7.5	861	11.2	12	0.2	16,992	221.5
Under 5	12	2.3	2	0.4	0	0.0	0	0.0	10	1.9	24	4.7
5-9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	23	4.8
10-14	8	1.6	5	1.0	3	0.6	0	0.0	0	0.0	195	38.0
15-19	202	35.8	82	14.5	84	14.9	35	6.2	1	0.2	4,244	752.1
20-24	529	86.4	219	35.8	174	28.4	136	22.2	0	0.0	4,934	805.6
25-29	514	80.0	189	29.4	154	24.0	171	26.6	0	0.0	3,202	498.6
30-34	308	48.2	93	14.6	78	12.2	137	21.5	0	0.0	16,82	263.4
35-39	207	35.1	76	12.9	36	6.1	95	16.1	0	0.0	734	124.3
40-44	110	21.1	40	7.7	17	3.3	53	10.1	0	0.0	353	67.6
45-59	159	13.1	35	2.9	26	2.1	97	8.0	1	0.1	344	28.3
60 and over	124	9.0	1	0.1	2	0.1	121	8.8	0	0.0	57	4.1
Unstated	23		6		1		16		0		1,200	
Male	1,251	34.0	430	11.7	296	8.0	515	14.0	10	0.3	11,279	306.5
Female	945	23.7	318	8.0	279	7.0	346	8.7	2	0.1	5,713	143.2

TABLE-15

NEW JERSEY
ANNUAL SUMMARY OF NOTIFIABLE DISEASES BY COUNTY OF USUAL RESIDENCE
1987

			HEPATITIS							MENINGOCOCCAL INFECTIONS												
COUNTIES	Amebiasis	Aseptic Meningitis	Type A	Type B	Type Unspecified	Type Non-A Non-B	Legionellosis	Malaria	Measles (Rubeola)	Total	Military	Civilian	Mumps	Pertussis (Whooping Cough)	Rubella (German Measles)	Salmonellosis (Excluding Typhoid Fever)	Shigellosis (Bacillary Dysentery)	Tetanus	Trichinosis	Typhoid Fever (Cases Only)	Typhus Fever (Rocky Mt. Spotted)	Toxic Shock Syndrome	Encephalitis (Other Primary Infections)
TOTAL	97	429	286	565	50	67	35	40	39	73	0	73	76	25	1	2,358	547	4	11	23	1	9	11
Atlantic	7	4	31	35	1	1				1		1	3			97	7					2	
Bergen	4	63	7	28	7	5	1	3	8	6		6	14			199	46			3		3	2
Burlington		12	25	25		4	1	2	1	3		3	1	2		62	6					1	
Camden	2	18	24	59	2	1			1	3		3	6	3		202	86						
Cape May	27	2	22	18	1		1	1		2		2	2			24							
Cumberland	13	8	3	37	1	6		1					1	2		122	2						
Essex	4	28	13	76	9	6	5	6	7	12		12	4	11		294	45	1		2			1
Gloucester		9	6	10		1	1			2		2	1	1		43	7						2
Hudson	7	6	17	23	2	2	2	6	10	6		6	4	1		194	34			7			
Hunterdon		4	4	1			1			3		3				50	1				1		
Mercer	1	26	4	32	2	6	5	2		4		4	2			120	12		8				
Middlesex	7	42	40	43	4	5	5	5	3	5		5	6	2		199	38			2			2
Monmouth	4	51	14	41	2	4	2	2	4	9		9	10		1	144	34	1		3		1	1
Morris	6	44	6	15	2	1	1	2		5		5	7	1		77	11			2			1
Ocean	2	26	33	24	10	3	3			4		4	5			86	56						1
Passaic	4	40	20	31	1	10	3	2	3	1		1	9	1		161	108	2					
Salem		4	1	4	1											28	1						
Somerset	3	16	4	15			1	2								42	4		3				
Sussex	1	12	4	4	1	2										24	4						1
Union	1	11	7	40	4	10	3	6	2	6		6	1	1		126	20			4			
Warren		3		4						1		1				20	2						
Unknown	4															44	23					2	

NOTE: There were no cases of Brucellosis, Diptheria, Tularemia, Mumps or Encephalitis (Post Chicken Pox, and other).

G0727

TAB-B
HISTORICAL PERSPECTIVE

Historical Perspective
1987

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Historical Perspective
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Historical Perspective
1987

INTRODUCTION

The historical perspective presented in this report includes an overview of socio-demographic trends and mortality statistics for the United States and New Jersey. Trends in births, deaths, marriages, divorces, fertility, and average length of life are emphasized. Also, changes in the incidence of selected communicable diseases are summarized.

STATISTICAL OVERVIEW

U.S. TRENDS

The total United States population including Armed Forces overseas reached 243.8 million on July 1, 1987, an increase of 0.9 percent from the previous year. The preponderance of population growth has been in the South and West with these two regions accounting for 88.8 percent of the nation's growth between April 1, 1980 and July 1, 1987. Recent projections indicate that the population will increase to 249.9 million by 1990 and to 267.7 million by 2000. These increases are based on the assumption that United States couples will have an average of two children.

The rate of population growth has slowed substantially since the 1950's. The decrease in the annual number of births from 4.3 million in the late 1950's to 3.8 million in 1987 has more than offset the increase in life expectancy from 68.2 years in 1950 to 74.9 years in 1987. If the growth rate experienced in the 1970s continues, the population will double in size in about 85 years. In other industrialized countries with slower growth rates than the United States, such as the German Federal Republic, England and Wales, it will take as many as 347 years for the population to double. In the lesser developed countries with higher rates of growth, such as Mexico, the population will double in about 17 years.

By the end of the century the number of people 65 years of age and over in the United States is projected to increase by about 5 million from 12.1 percent of the population in 1986 to 13.1 percent by 2000. Since the elderly are less healthy and utilize more health services than younger people, there will probably be an increase in demand for health and social services.

Birth rates in general have steadily decreased since the late 1950's with women having their first child at a later age than in the past. From 1972 to 1976, rates of having the first child increased for women in age groups 25-29 and 30-34 but decreased for women 20-24 years of age. Birth rates for young teenagers between 15-17 did not begin to drop until the early 1970s, unlike the rates for older teenagers, 18-19, which declined similarly to the rates for women 20-24 years of age.

The national crude death rate has remained steady since 1975, ranging from 8.5 per 1,000 population to 8.8. A comparison of the crude death rate between the United States and New Jersey shows that the New Jersey rate of 934.9 per 100,000 is higher than the United States rate of 874.0. This difference is presumbably related to a higher concentration of older age groups with higher death rates in New Jersey.

Between 1975 and 1987 the United States infant mortality rate per 1,000 live births dropped 38 percent from 16.1 to 10.0. The decline in actual infant deaths was slightly over 26 percent. The infant mortality rate for New Jersey was 7.5 percent lower than the United States rate of 10.0 in 1987. Infant mortality rates in New Jersey have declined similarly to those for the United States during the past 10 years.

Average length of life in the United States since 1950 increased from 68.2 years to 74.9 years, a 9.8 percent gain. The increase in average life span was greater for females; their average length of life increased from 71.1 years in 1950 to 78.3 years in 1987 or 10.1%. The average length of life for males over the same thirty-five year period rose from 65.6 to 71.5--a gain of 9.0%. The average length of life for Blacks has been increasing faster than for Whites since data became available in 1970. However, their life expectancy is still lower, being 65.4 for males and 73.8 for females.

NEW JERSEY TRENDS

New Jersey is the most densely populated state in the nation (1027.4 persons per square mile as of July 1, 1987) and was the first state to pass a thousand persons per square mile. Future population increases are expected to be lower than for the nation as a whole. However, the annual growth rate of about 0.6% during this decade is higher than the 0.3% per annum growth that took place over the 1970-80 period. The New Jersey Department of Labor has projected that by the year 2000 the State's population would reach the 8.5 million mark; 9.2 million is anticipated by July 1, 2020.

The population growth that is predicted should result from an increase in the number of births and projected in-migration from bordering states. The projected increase in births is based on the relatively large numbers of women in the childbearing ages between 15-44 years of age. Based on current trends, strong employment growth is indicated in several counties that should attract workers from bordering states.

Looking back, New Jersey's population grew much faster than the nation's during the fifties and the sixties, despite lower birth rates and higher death rates. The rapid growth in the State's population was attributed to a large net in-migration that took place mostly from the neighboring states of New York and Pennsylvania. In the 1970s, however, New Jersey registered an almost stationary 2.7 percent population growth as compared to the 11.4 percent average rate for the United States. The reversal that took place during the seventies of the previous trend was almost entirely because of a net out-migration.

The State's population growth was in suburbia and was concentrated more in the northeast and southwest counties than in the rural or shore areas. The urban areas, in contrast, experienced a population decline from 1970 to 1980 as the shrinking of the State's industrial base had its impact. Still, nine out of ten of the State's residents continue to live in the major urban centers of the State.

The racial composition, age distribution, and other population characteristics did not change significantly in New Jersey between 1970 and 1980. The characteristics for 1980 are similar to those of the United States. However, two major differences in the composition have been observed: (a) the State's minority population is growing more rapidly than in the nation as a whole, due primarily to the in-migration of Hispanics; and (b) both the marriage and divorce rates remain noticeably below the national averages.

Over the years the trends in birth rates have paralleled those of the nation as a whole. While birth rates are higher nationally than in New Jersey, both rates declined from 1947 to the mid-1970s. In 1977 the birth rates began to increase in New Jersey and nationally, although slowly. The gap between the New Jersey and national birth rates widened between 1979-1982 with slower annual increases in New Jersey than nationally. Since 1983 the gap in birth rates has narrowed with higher increases in New Jersey.

The fertility rate, or ratio of live births per 1,000 women aged 15-44, is another indicator of actual birth trends. The fertility rate for New Jersey in 1970 was 81.2 compared to 82.6 births per 1,000 women for the nation. With the downward trend in population increases, out-migration and a lower birth rate, the fertility rate has been affected. By 1975 the fertility rate for New Jersey had dropped to 56.6, which was below the 65.8 rate for the United States. In the 1980s, the New Jersey fertility rate began to stabilize. It was 57 live births per 1,000 women in 1980. In 1987 the fertility rate was 62.5. During the same time period, 1980 to 1987, the fertility rate in the United States dropped from 68.4 to 66.1.

Mortality trends present a different picture from birth trends. In 1960 the State's mortality rate per 1,000 population was less than the national rate. In 1967 an increase in mortality started nationally which kept the New Jersey rate below that of the nation's. While the difference was not great, the rate remained below the national level until 1974, when New Jersey's crude mortality rate exceeded that of the United States. A higher crude mortality rate in New Jersey has continued since that time, producing a widening of the gap. Part of the reason New Jersey's rate is increasing more rapidly is the higher proportion of persons aged 65 and above in New Jersey. Persons in this age group comprised 13.0 percent of New Jersey's population in 1987, whereas approximately 12.1 percent of the United States population fell into this age group.

Perinatal mortality is a composite statistic used to measure the critical period of human development just prior to birth and shortly thereafter. As presented in this report, perinatal mortality includes fetal deaths plus neonatal deaths of infants under 28 days of age. Since 1947 when New Jersey began computing perinatal mortality ratios*, the ratio has decreased by 61 percent. It dropped from 41.4 to 16.0 deaths per 1,000 live births from 1947 to 1983. After a 10.6 percent upturn in 1984 raised the perinatal mortality ratio to 17.7, the ratio decreased to 17.1 in 1986 before rising to 17.3 in 1987. Over the last twenty-five years maternal deaths also have declined dramatically. In 1985 the lowest maternal death rate ever recorded was 0.1 per 10,000 live births. However, in 1987 the number of maternal deaths reached 14 which raised the rate to 1.2.

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*NOTE: Pervious issues of this publication erroneously referred to these calculations as rates, however, fetal deaths are not added to the denominator, thusby making them ratios (see Technical Notes section). Upcoming issues will report actual rates and will adjust the count of fetal deaths by removing induced abortions. If these changes were applied to 1987, the perinatal mortality rate would be lower at 14.4 per 1,000 births plus fetal deaths.

Rates of homicide and suicide have changed dramatically since 1940, but in different directions. Homicide rates rose sharply in New Jersey from 1.7 per 100,000 population in 1940 to a high of 7.5 in 1981. The rate in 1985 and 1986 was 6.0. This dropped to 5.3 in 1987, a decline of 29 percent since 1981. On the other hand, suicides decreased from 15.9 per 100,000 in 1940 to a low of 6.8 in 1970. Since then, the suicide rate has varied widely. The rate for 1987 was 9.3.

Tuberculosis cases and deaths are much less frequent now than in 1940 when almost 90 people out of 100,000 suffered from TB and 44% died. Corresponding rates of cases and deaths in 1987 were 13.9 and 1.0 per 100,000 population. The steady decline in cases and deaths bottomed in 1982; since then, the rates for cases have fluctuated between 11.1 and 13.9, while the rates for deaths have fluctuated between 0.7 and 1.0.

Changes in the rates of syphilis and gonorrhea have been marked over the years. As syphilis is controlled, gonorrhea seems to spread. The rate for syphilis dropped from 247.1 in 1940 to a low of 24.7 in 1978. The rate for gonorrhea, on the other hand, rose from 73.6 cases per 100,000 in 1940 to a high of 310.5 in 1981. The incidence rates for primary and secondary cases of syphilis in New Jersey increased from 8.8 per 100,000 in 1986 to 9.8 per 100,000 in 1987, 32.4 percent lower than the rate for the nation of 14.5. The gonorrhea incidence rate of 223.5 per 100,000 in 1987 was the lowest it has been since 1974, and it is far below the national rate of 323.1.

New Jersey's ranking of causes of death is the same as the nation's with the leading causes being heart diseases, malignancies, cerebrovascular diseases and accidents, all of which account for 70.9 percent of the deaths in New Jersey. While New Jersey's crude death rates for heart diseases and malignancies are higher than those for the nation, the reverse is true for cerebrovascular diseases and accidental deaths. Trends in death rates between 1970 and 1987 for the principal causes of death are presented in Table 8. While the rate for diabetes has dropped from 36.5 per 100,000 population in 1940 to 20.4 in 1987, the rate for heart diseases climbed, then returned to just below the 1940 rate of 358.9. Rates of death increased slightly for cerebrovascular diseases. The rate of death rose less than 1 percent for malignant neoplasms.

The most current data regarding AIDS in New Jersey indicates a continuing increase in the total number of diagnosed cases and resulting deaths. Diagnosed cases of AIDS for 1987 are approximately 40% higher than in 1986. Further, over 55% of all cases diagnosed in the State have ended in death (Chart IV). The lifestyle factors or methods of transmission, as shown in Table A, places heterosexual male IVDA users at the top of the scale with 37%, followed by homosexual or bisexual males who are not intravenous drug users at 29.4% (See Chart V).

TABLE-1

VITAL STATISTICS OF THE UNITED STATES
1974-1987

Year	Births	Deaths	Natural Increase	Marriages	Divorces	Infant Mortality
1974	3,159,958	1,934,388	1,225,570	2,229,667	977,000	52,776
1975	3,144,198	1,892,879	1,251,319	2,152,662	1,036,000	50,525
1976	3,167,788	1,909,440	1,258,348	2,154,807	1,083,000	48,265
1977	3,326,632	1,899,597	1,427,035	2,178,367	1,091,000	46,975
1978	3,333,279	1,927,788	1,405,491	2,282,272	1,130,000	45,945
1979	3,494,398	1,913,841	1,580,557	2,331,337	1,181,000	45,665
1980	3,612,258	1,989,841	1,622,417	2,390,252	1,189,000	45,526
1981	3,629,238	1,977,981	1,651,257	2,422,145	1,219,000	42,700
1982	3,680,537	1,974,797	1,705,740	2,495,000	1,180,000	42,770
1983	3,638,933	2,019,201	1,619,732	2,444,000	1,179,000	39,400
1984	3,669,141	2,039,369	1,629,772	2,487,000	1,155,000	39,580
1985	3,749,000	2,084,000	1,665,000	2,425,000	1,187,000	40,030
1986	3,731,000	2,099,000	1,632,000	2,400,000	1,159,000	38,600
1987	3,829,000	2,127,000	1,702,000	2,421,000	1,157,000	38,000

NOTE: Based on 100 percent of births in selected States and on a 50-percent sample of births in all other States.

TABLE-2

VITAL STATISTICS OF THE UNITED STATES
RATES PER 1,000 POPULATION
1974-1987

Year	Births	Deaths	Natural Increase	Marriages	Divorces	Infant Mortality[2]
1974	14.8	9.1	5.7	10.5	4.6	16.7
1975	14.6	8.8	5.8	10.0	4.8	16.1
1976	14.6	8.8	5.8	9.9	5.0	15.2
1977	15.1	8.6	6.5	9.9	5.0	14.1
1978	15.0	8.7	6.3	10.3[1]	5.1	13.8
1979	15.6	8.5	7.1	10.4	5.3	13.1
1980	15.9	8.8	7.1	10.6	5.2	12.6
1981	15.8	8.6	7.2	10.6	5.3	11.9
1982	15.9	8.5	7.4	10.6	5.0	11.5
1983	15.5	8.6	6.9	10.5	4.9	11.2
1984	15.[illegible]	8.6	6.9	10.5	5.0	10.8
1985	15.8	8.7	7.1	10.1	5.0	10.6
1986	15.5	8.7	6.8	10.0	4.8	10.4
1987	15.7	8.7	7.0	9.9	4.8	10.0

[1] Beginning with 1978, data include nonlicensed marriages registered in California.

[2] Infant mortality rates per 1,000 live births.

TABLE-3

UNITED STATES
AVERAGE LENGTH OF LIFE IN YEARS, BY RACE AND SEX: SPECIFIED YEARS 1950-1987

	All Races			White			All Others					
							Total			Black		
Year	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female	Both Sexes	Male	Female
1950	68.2	65.6	71.1	69.1	66.5	72.2	60.8	59.1	62.9	----	----	----
1960	69.7	66.6	73.1	70.6	67.4	74.1	63.6	61.1	66.3	----	----	----
1970	70.8	67.1	74.7	71.7	68.0	75.6	65.3	61.3	69.4	64.1	60.0	68.3
1975	72.6	68.8	76.6	73.4	69.5	77.3	68.0	63.7	72.4	66.8	62.4	71.3
1976	72.9	69.1	76.8	73.6	69.9	77.5	68.4	64.2	72.7	67.2	62.9	71.6
1977	73.3	69.5	77.2	74.0	70.2	77.9	68.9	64.7	73.2	67.7	63.4	72.0
1978	73.5	69.6	77.3	74.1	70.4	78.0	69.3	65.0	73.5	68.1	63.7	72.4
1979	73.9	70.0	77.8	74.6	70.8	78.4	69.8	65.4	74.1	68.5	64.0	72.9
1980	73.7	70.0	77.4	74.4	70.7	78.1	69.5	65.3	73.6	68.1	63.8	72.5
1981	74.2	70.4	77.8	74.8	71.1	78.4	70.3	66.1	74.4	68.9	64.5	73.2
1982	74.5	70.9	78.1	75.1	71.5	78.7	71.0	66.8	75.0	69.4	65.1	73.7
1983	74.6	71.0	78.1	75.2	71.7	78.7	71.1	67.2	74.9	69.6	65.4	73.6
1984	74.7	71.2	78.2	75.3	71.8	78.7	71.3	67.4	75.0	69.7	65.6	73.7
1985	74.7	71.2	78.2	75.3	71.9	78.7	71.2	67.2	75.0	69.5	65.3	73.5
1986	74.9	71.3	78.3	75.4	72.0	78.9	71.4	67.6	75.1	69.6	65.5	73.6
1987	74.9	71.5	78.3	75.5	72.1	78.8	71.6	67.6	75.4	69.7	65.4	73.8

Source: United States, 1987 Monthly Vital Statistics Report Vol. 36, No. 13, July 29, 1988.
Provisional data for 1986 and 1987 based on a 10-percent sample of deaths; for all other years, based on final data.

TABLE-4

NEW JERSEY
VITAL STATISTICS SUMMARY
SPECIFIED YEARS 1940-1987

	BIRTHS		MARRIAGES		DIVORCES		DEATHS		FERTILITY
YEAR	NO.	RATE	NO.	RATE	NO.	RATE	NO.	RATE	RATE
1940	59,328	14.3	41,059	9.9	------	----	45,206	10.9	57.0
1950	97,734	20.2	46,291	9.6	------	----	48,837	10.1	86.6
1960	132,594	21.8	39,820	6.6	------	----	59,330	9.8	106.1
1970	120,168	16.7	56,625	7.9	10,004	1.4	67,976	9.5	81.2
1980	96,438	13.1	55,794	7.6	25,783	3.5	68,762	9.3	57.0
1970	120,168	16.7	56,625	7.9	10,004	1.4	67,976	9.5	81.2
1971	111,376	15.3	56,531	7.8	12,84	1.8	67,680	9.3	74.0
1972	99,050	13.5	58,476	8.0	15,017	2.1	68,865	9.4	65.1
1973	94,024	12.8	59,723	8.1	22,054	3.0	68,631	9.3	61.6
1974	94,242	12.7	56,449	7.6	19,880	2.7	66,797	9.0	61.6
1975	91,457	12.4	53,008	7.2	20.475	2.8	65,422	8.9	56.6
1976	90,549	12.3	51.291	7.0	20,990	2.9	65,276	8.9	55.2
1977	93,786	12.7	50,677	6.9	19,894	2.7	65,646	8.9	58.9
1978	93,356	12.8	52,993	7.2	24,752	3.4	65,161	8.9	58.6
1979	95.672	13.0	54,740	7.5	23,934	3.3	65,495	8.9	60.2
1980	96,438	13.1	55,794	7.6	25,783	3.5	68,762	9.3	57.0
1981	96,205	13.0	58,010	7.8	27,852	3.8	67,053	9.1	56.8
1982	98,225	13.2	59,949	8.1	30,322	4.1	67,471	9.1	57.7
1983	98,746	13.2	61,798	8.3	27.923	3.7	68,626	9.2	57.8
1984	100,950	13.4	62,654	8.3	28,470	3.8	68,944	9.2	57.4
1985	105,329	13.9	61,189	8.1	29,295	3.9	70,655	9.3	59.2
1986	108,444	14.2	61,362	8.0	27,669	3.6	71,299	9.4	60.4
1987	113,234	14.8	60,550	7.9	27,222	3.5	71,728	9.3	62.5

NOTE: Rates are expressed as per 1,000 population.
See Technical Notes for fertility rates.

TABLE-5

NEW JERSEY
MATERNAL AND INFANT MORTALITY STATISTICS
SPECIFIED YEARS 1940-1987

	INFANT DEATHS[1]		NEONATAL DEATHS[1]		FETAL DEATHS[1]		PERINATAL DEATHS[2]		MATERNAL DEATHS[3]	
YEAR	NO.	RATE	NO.	RATE	NO.	RATIO	NO.	RATIO	NO.	RATE
1940	2,094	35.3	1,422	24.0	1,543	26.0	2,965	48.7	172	29.0
1950	2,445	25.0	1,875	19.2	1,845	18.9	3,720	37.4	76	7.8
1960	3,248	24.5	2,458	18.5	2,201	16.6	4,659	34.6	44	3.3
1970	2,406	20.0	1,915	15.9	1,698	14.1	3,613	29.6	38	3.2
1980	1,201	12.5	829	8.6	925	9.6	1,754	18.0	5	0.5
1970	2,406	20.0	1,915	15.9	1,698	14.1	3,613	29.6	38	3.2
1971	2,095	18.8	1,612	14.5	1,441	12.9	3,053	27.1	25	2.2
1972	1,809	18.3	1,394	14.1	1,232	12.4	2,626	26.2	23	2.3
1973	1,644	17.5	1,249	13.3	1,204	12.8	2,453	25.8	16	1.7
1974	1,582	16.8	1,199	12.7	1,071	11.4	2,270	23.8	16	1.7
1975	1,434	15.7	1,042	11.4	941	10.3	1,983	21.5	14	1.5
1976	1,366	15.1	1,034	11.4	1,004	11.1	2,038	22.3	18	2.0
1977	1,355	14.4	1,013	10.8	1,083	11.5	2,096	22.1	13	1.4
1978	1,145	12.3	812	8.7	929	10.0	1,741	18.5	9	1.0
1979	1,223	12.8	873	9.1	931	9.7	1,804	18.7	8	0.8
1980	1,201	12.5	829	8.6	925	9.6	1,754	18.0	5	0.5
1981	1,016	10.6	700	7.3	920	9.6	1,620	16.7	7	0.7
1982	1,153	11.7	800	8.1	1,008	10.3	1,808	18.2	11	1.1
1983	1,115	11.3	755	7.6	839	8.5	1,594	16.0	5	0.5
1984	1,090	10.8	744	7.4	1,062	10.5	1,806	17.7	11	1.1
1985	1,113	10.6	759	7.2	1,119	10.6	1,878	17.6	3	0.1
1986	1,055	9.7	708	6.5	1,166	10.8	1,874	17.1	9	0.8
1987	1,057	9.3	719	6.3	1,263	11.2	1,982	17.3	14	1.2

NOTES:
(1) Rates or ratios are expressed as per 1,000 live births.
(2) Ratios represent neonatal deaths plus fetal deaths per 1,000 live births.
(3) Rates per 10,000 live births.

TABLE-6

NEW JERSEY
SELECTED COMMUNICABLE DISEASES, HOMICIDES AND SUICIDE
1940-1987

	HOMICIDES		SUICIDES		TB DEATHS		TB CASES		SYPHILIS		GONORRHEA	
1940	69	1.7	664	15.9	1,825	43.8	3,702	88.9	10,287	247.1	3,066	73.6
1950	116	2.4	605	12.5	1,170	24.02	3,548	73.4	5,768	119.4	3,904	80.8
1960	158	2.6	486	8.0	354	5.8	2,928	40.0	5,273	86.5	5,181	85.0
1970	418	5.8	487	6.8	245	3.4	2,013	28.0	5,078	70.6	9,751	135.6
1980	530	7.2	576	7.8	65	0.9	980	13.3	2,314	31.4	21,018	285.4
1970	418	5.8	487	6.8	245	3.4	2,013	28.0	5,078	70.6	9,751	135.6
1971	458	6.3	570	7.8	217	3.0	2,118	29.2	6,029	83.0	11,480	158.1
1972	499	6.8	617	8.4	166	2.3	1,162	23.1	2,636	36.0	16,658	227.5
1973	523	7.1	609	8.3	184	2.5	1,531	20.8	2,895	39.3	16,206	219.9
1974	513	6.9	572	7.7	161	2.2	1,474	19.9	2,634	35.6	15,294	206.8
1975	520	7.1	612	8.3	122	1.7	1,362	18.5	2,410	32.8	17.261	234.9
1976	405	5.5	577	7.8	112	1.5	1,317	17.9	2,180	29.6	17,708	240.7
1977	414	5.6	643	8.7	104	1.4	1,351	18.4	1,899	25.8	18,837	256.0
1978	406	5.5	563	7.7	104	1.4	1,105	15.1	1,804	24.7	20,221	276.4
1979	490	6.7	572	7.8	74	1.0	1,008	13.7	1,934	26.4	19,548	266.6
1980	530	7.2	576	7.8	65	0.9	980	13.3	2,314	31.4	21,018	285.4
1981	558	7.5	552	7.5	55	0.7	1,028	13.9	2,096	28.3	22,998	310.5
1982	548	7.4	605	8.1	53	0.7	884	11.9	1,930	26.0	22,665	305.2
1983	447	6.0	572	7.7	56	0.7	891	11.9	2,088	28.0	22,075	295.6
1984	435	5.8	650	8.7	70	0.9	935	12.4	2,006	26.7	20,351	270.9
1985	452	6.0	672	8.9	62	0.8	839	11.1	2,284	30.2	19,751	261.2
1986	459	6.0	662	8.7	78	1.0	948	12.4	1,993	26.1	19,612	257.2
1987	406	5.3	710	9.3	74	1.0	1,063	13.9	2,209	28.8	17,150	223.5

NOTE:
1) Rates are expressed as per 100,000 population.
2) The sharp decrease in new cases of syphilis in 1972 reflects improved tabulation of data eliminating cases previously recorded in New Jersey or other states.

TABLE-7

Death Rates and Percent of Total Deaths for Selected
Causes of Deaths: United States and New Jersey, 1987
(Rates per 100,000 Estimated Population)

Cause of Death (International List Number, 9th Revision)	New Jersey Number	New Jersey Rate	New Jersey Percent	Provisional United States Number	Provisional United States Rate	Provisional United States Percent
TOTAL DEATHS	71,728	934.9	100.0	2,127,000	874.0	100.0
Diseases of heart (390-398, 402, 404-429)	26,931	351.0	37.5	762,820	313.4	35.9
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	17,123	223.2	23.9	477,190	196.1	22.4
Cerebrovascular diseases (430-438)	4,478	58.4	6.2	149,220	61.3	7.0
Accidents and adverse effects (E800-E949)	2,358	30.7	3.3	94.840	39.0	4.5
Motor vehicle accidents (E810-E825)	1,019	13.3	1.4	48,950	20.1	2.3
All other accidents and adverse effects (E800-E807, E826-E949)	1,339	17.5	1.9	45,890	18.9	2.2
Pneumonia and Influenza (480-487)	2,131	27.8	3.0	70,120	28.8	3.3
Diabetes Mellitus (250)	1,562	20.4	2.2	37,900	15.6	1.8
Suicide (E950-E959)	710	9.3	1.0	30,980	12.7	1.5
Chronic liver disease and cirrhosis (571)	1,038	13.5	1.4	26,050	10.7	1.2
Atherosclerosis (440)	635	8.3	0.9	23,200	9.5	1.1
Other diseases of arteries, arterioles and capillaries (441-448)	763	9.9	1.0	23,190	9.5	1.1
Nephritis, nephrotic syndrome and nephrosis (580-589)	894	11.7	1.2	23,040	9.5	1.1
Bronchitis, emphysema and asthma (490-493)	601	7.8	0.8	21,880	9.1	1.0
Homicide and legal intervention (E960-E978)	406	5.3	0.6	20,580	8.5	1.0
Septicemia (038)	1,042	13.6	1.5	19,810	8.1	0.9
All other causes	11,056	144.1	15.4	346,180	142.2	16.3

Source of United States Data: Monthly Vital Statistics Report, Vol. 36, No. 13, July 29, 1988.
Provisional data from the National Center for Health Statistics.

TABLE-8

NEW JERSEY
PRINCIPAL CAUSES OF DEATH
1940-1987

	Diseases of Heart (390-398, 402, 404-429)		Malignant Neoplasms, Lymphatic and Hematopoietic Tissues (140-208)		Cerebrovascular Diseases (430-438)		Accidents (E800-E949)		Pneumonia and Influenza (480-487)		Diabetes Mellitus (250)		Chronic Liver Diseases and Cirrhosis (571)	
Year	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1940	14,942	358.9	------	-----	-----	----	-----	----	-----	----	1,518	36.5	-----	----
1950	------	-----	------	-----	-----	----	-----	----	-----	----	-----	----	-----	----
1960	28,187	429.4	------	-----	-----	----	2,217	36.4	1,840	30.1	1,238	20.3	920	15.1
1970	29,351	408.0	13,242	184.1	6,290	87.4	2,982	41.4	1,928	26.8	1,512	21.0	1,417	19.7
1980	29,393	399.1	15,502	210.5	5,036	68.4	2,488	33.8	1,662	22.6	1,440	19.6	1,168	15.9
1970	29,351	408.0	13,242	184.1	6,290	87.4	2,982	41.4	1,928	26.8	1,512	21.0	1,417	19.7
1971	29,345	401.8	13,085	179.2	6,262	85.7	3,021	41.4	1,865	25.5	1,524	20.9	1,435	19.6
1972	29,723	402.6	13,616	184.4	6,432	87.1	2,878	39.0	2,018	27.3	1,480	20.1	1,384	18.7
1973	29,167	395.7	14,077	191.0	6,499	88.2	2,995	40.6	1,898	25.7	1,535	20.8	1,400	19.0
1974	28,160	380.1	13,999	188.9	6,351	85.7	2,728	36.8	1,745	23.6	1,449	19.6	1,346	18.2
1975	27,378	368.3	14,377	193.4	5,831	78.4	2,602	35.0	1,616	21.7	1,416	19.0	1,235	16.6
1976	27,613	371.6	14,585	196.3	5,504	74.1	2,520	33.9	1,824	24.5	1,311	17.6	1,267	17.0
1977	27,721	377.2	14,925	203.1	5,393	73.4	2,551	34.7	1,673	22.8	1,300	17.7	1,248	17.0
1978	27,514	374.4	15,119	205.7	5,274	71.8	2,472	33.6	1,621	22.1	1,347	18.3	1,237	16.8
1979	27,778	378.9	15,219	207.6	4,920	67.1	2,634	35.9	1,413	19.3	1,255	17.1	1,089	14.9
1980	29,393	399.1	15,502	210.5	5,036	68.4	2,488	33.8	1,662	22.6	1,440	19.6	1,168	15.9
1981	28,164	380.2	15,740	212.5	4,934	66.6	2,544	34.3	1,606	21.7	1,384	18.7	1,131	15.3
1982	28,122	378.6	16,088	216.6	4,661	62.8	2,373	32.0	1,485	20.0	1,248	16.8	1,055	14.2
1983	28,104	376.3	16,480	220.7	4,737	63.4	2,127	28.5	1,692	22.7	1,411	18.9	1,132	15.2
1984	27,460	365.6	16,662	221.8	4,609	61.4	2,099	27.9	1,959	26.1	1,415	18.8	1,032	13.7
1985	27,886	368.8	17,001	224.9	4,475	59.2	2,155	28.5	2,150	28.4	1,398	18.5	1,136	15.0
1986	27,601	362.0	17,000	222.9	4,372	57.3	2,176	28.5	2,237	29.3	1,454	19.1	1,012	13.3
1987	26,931	351.0	17,123	223.2	4,478	58.4	2,358	30.7	2,131	27.8	1,562	20.4	1,038	13.5

NOTE: Rates are expressed as per 100,000 population.

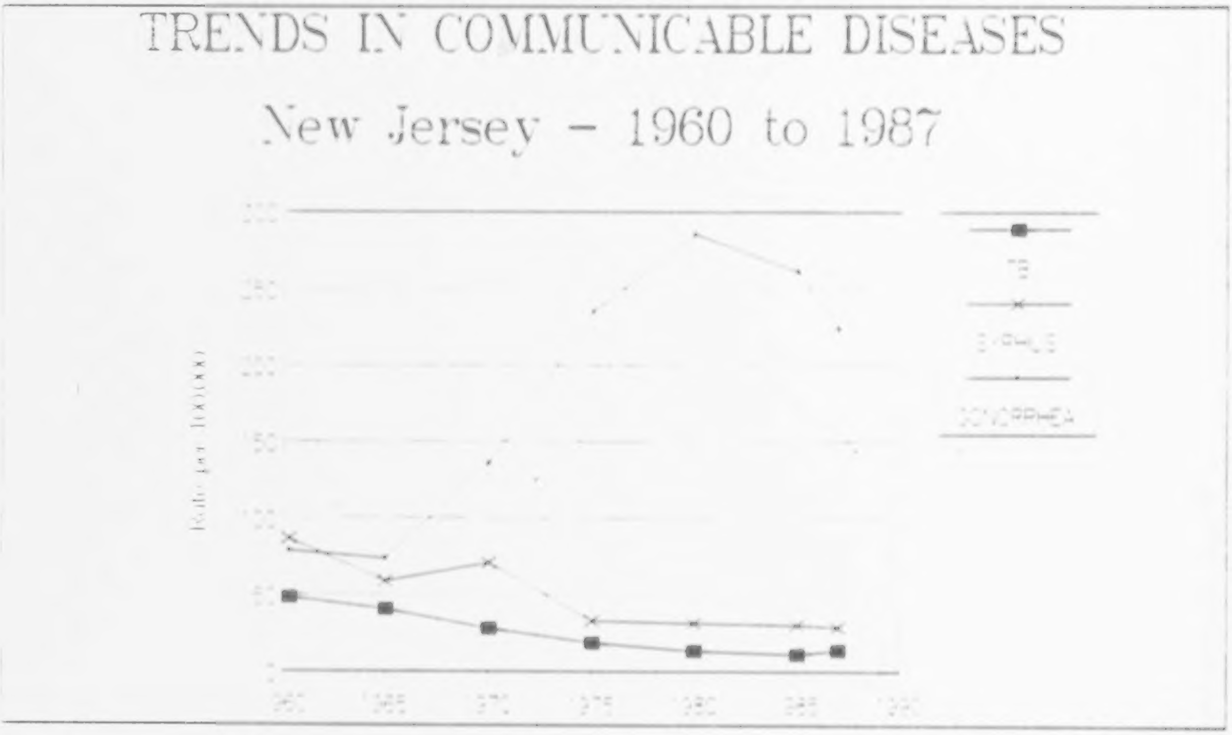
TABLE-8 (CONTINUED)

NEW JERSEY
PRINCIPAL CAUSES OF DEATH
1940-1987

	Atherosclerosis (440)		Nephritis, Nephrotic Syndrome and Nephrosis (580-589)		Other Diseases of Arteries, Arterioles amd Capillaries (441-448)		Suicide (E950-E959)		Septicemia (038)		Bronchitis, Emphysema and Asthma (490-493)		Homicide and Legal Intervention (E960-E978)	
Year	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1940	---	----	---	---	---	----	664	15.9	---	---	---	----	69	1.7
1950	---	----	---	---	---	----	605	12.5	---	---	---	----	99	2.4
1960	---	----	---	---	---	----	486	8.0	---	---	---	----	158	2.6
1970	---	----	---	---	---	----	487	6.8	---	---	894	12.4	418	5.8
1980	813	11.0	670	9.1	642	8.7	576	7.8	---	---	551	7.5	530	7.2
1970	---	----					487	6.8			894	12.4	418	5.8
1971	803	11.0					570	7.8			827	11.3	458	6.3
1972	831	11.3					617	8.4			831	11.3	484	6.5
1973	795	10.8					609	8.3			844	11.4	523	7.1
1974	749	10.1			871	11.8	572	7.7			735	9.9	513	6.9
1975	758	10.2			810	10.0	612	8.2			664	8.9	520	7.0
1976	713	9.6			824	11.1	577	7.8			651	8.8	405	5.4
1977	645	8.8			865	11.8	643	8.7			592	8.0	414	5.6
1978	659	9.0			835	11.4	563	7.7			527	7.2	406	5.5
1979	742	10.1	529	7.2	624	8.5	572	7.8			513	7.0	400	6.7
1980	813	11.0	670	9.1	642	8.7	576	7.8			551	7.5	530	7.2
1981	619	8.4	616	8.3	602	8.1	552	7.5			551	7.4	558	7.5
1982	730	9.8	729	9.8	728	9.8	605	8.1	564	7.6	553	7.4	548	7.4
1983	765	10.2	771	10.3	689	9.2	572	7.7	665	8.9	588	7.9	447	6.0
1984	765	10.2	818	10.9	725	9.7	650	8.7	760	10.1	567	7.5	435	5.8
1985	682	9.0	788	10.4	712	9.4	672	8.9	898	11.9	607	8.0	452	6.0
1986	626	8.2	894	11.7	726	9.5	662	8.7	991	13.0	654	8.6	459	6.0
1987	635	8.3	894	11.7	763	9.9	710	9.3	1,042	13.6	601	7.8	406	5.3

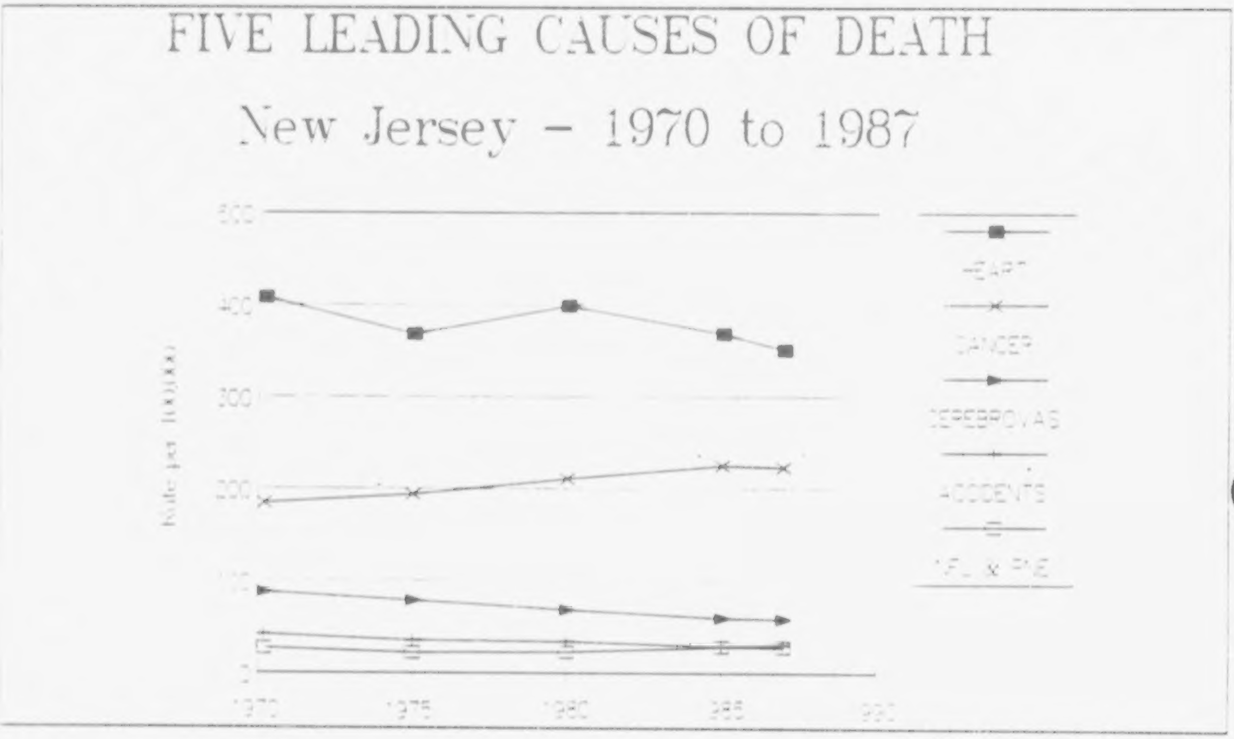
NOTE: Rates are expressed as per 100,000 population

CHART I



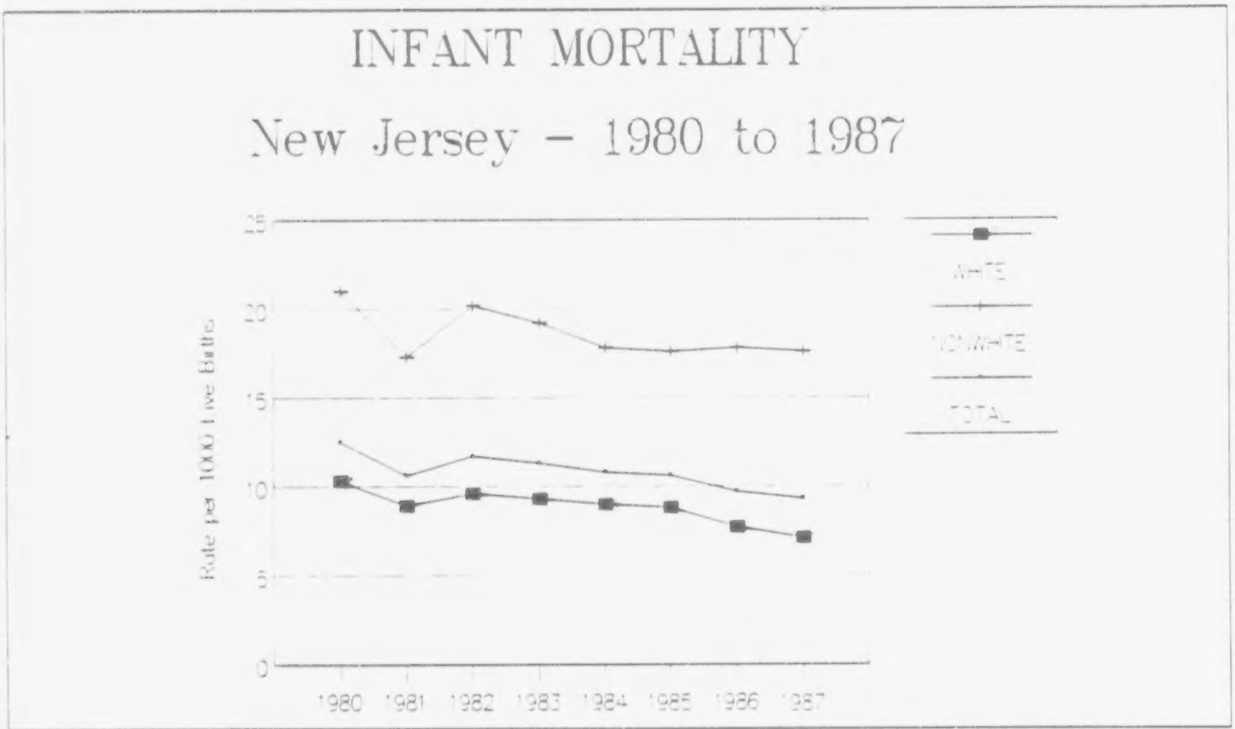
Between 1960 and 1987 the number of clinically active and verified cases of tuberculosis in the New Jersey population dropped from 49 cases per 100,000 population to 13.9 cases per 100,000. The decline in syphilis was more dramatic, although a slight reversal of this trend occurred from 1965 to 1970. Syphilis declined from 86.5 cases per 100,000 population in 1960 to 28.8 cases in 1987. Gonorrhea rates, on the other hand, rose sharply during this period from 85.0 per 100,000 in 1960 to over 300 in 1981. It has declined sharply over the last 6 years to its present level of 223.1 per 100,000.

CHART II



Between 1970 and 1987 the five leading causes of death in New Jersey, heart diseases, cancer, cerebrovascular disease, accidents, influenza and pneumonia have remained consistent in their relative ranking. However, the mortality rates for heart diseases and cerebrovascular diseases have declined, while the rate of cancer has increased.

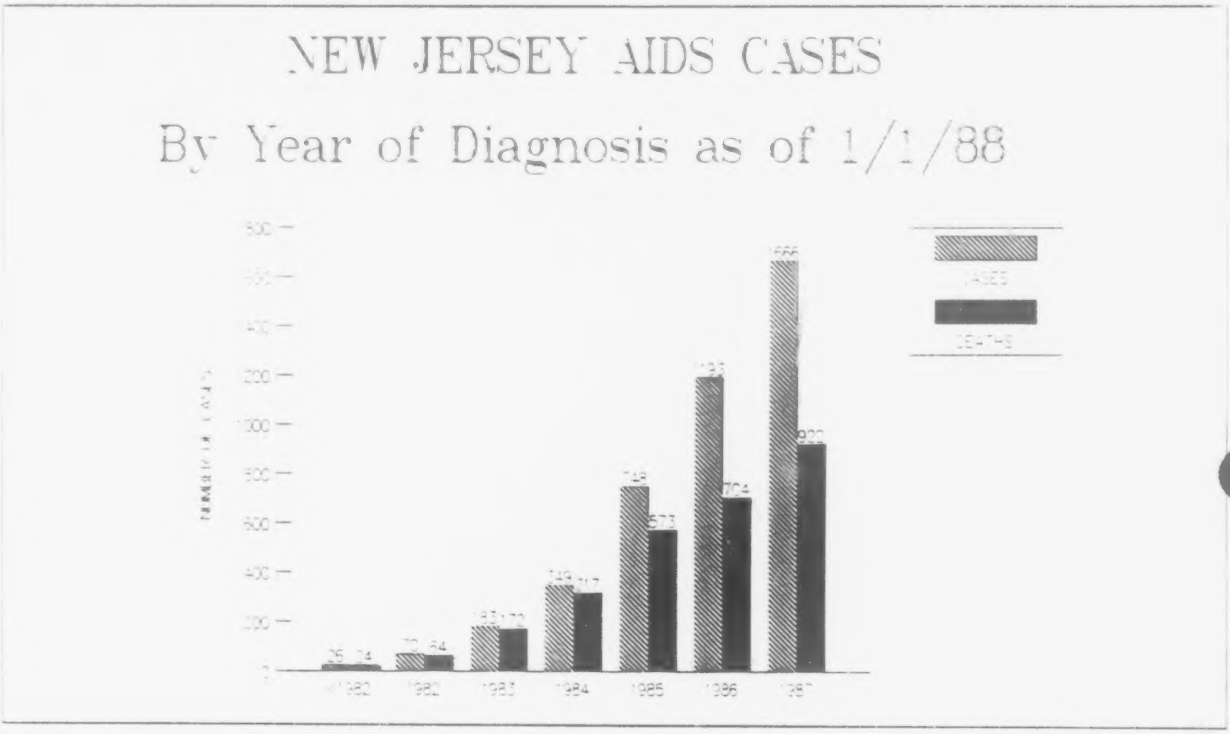
CHART III


INFANT MORTALITY

New Jersey - 1980 to 1987

Since 1980 the overall infant mortality rate dropped from 12.5 to 9.3 deaths per 1,000 live births. Declines occurred for both white and nonwhite infants. The gap between the two categories remained about the same throughout this period.

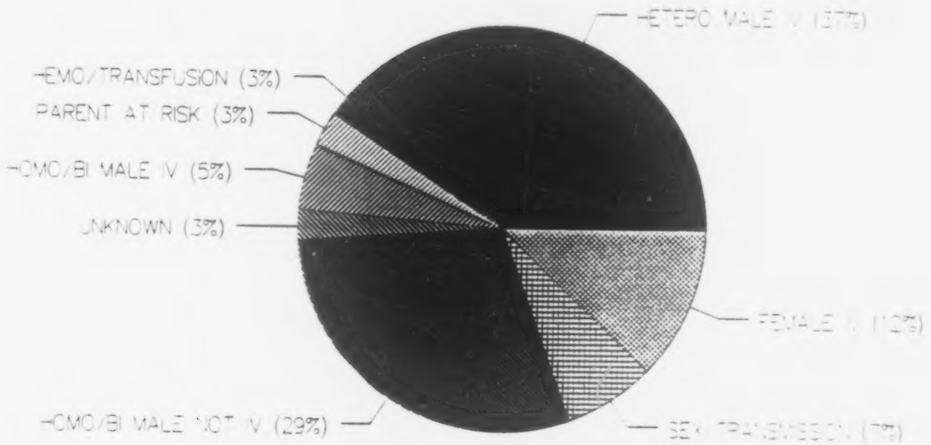
CHART IV



The number of AIDS cases diagnosed annually in New Jersey through 1987 rose dramatically from 26 cases prior to 1982 to 1,161 as of 1-1-88. The same dramatic increase also occurred in AIDS deaths; from a low of 24 prior to 1982, deaths increased to 922 during 1987, making AIDS one of the 9 leading causes of death in New Jersey.

CHART V

NEW JERSEY AIDS CASES
BY RISK FACTOR AS OF 1/1/88



The lifestyle risk factors, or transmission mechanisms, for contracting AIDS in New Jersey are depicted in the pie graph above and in Table A below. The most frequently occurring factor is heterosexual male intravenous drug abusers (IVDA), which accounts for 37% of all cases. The second highest risk factor is homosexual and bisexual males who are not intravenous drug users (29%). Nationwide, this lifestyle was the highest ranking cause of all AIDS cases. Female IVDA ranked third in New Jersey, heterosexual transmission ranked fourth, and parents passing AIDS to children ranked last.

TABLE A

NEW JERSEY AIDS CASES
BY RISK FACTOR AS OF 1/1/88

TRANSMISSION CATEGORIES	PERCENT	NUMBER
Heterosexual Male IVDA	37.2%	1211
Homosexual/Bisexual Male Not IVDA	29.4%	958
Intravenous Drug Abuser (IVDA) (Female)	12.0%	392
Heterosexual Transmission	7.3%	239
Homosexual/Bisexual Males IVDA	5.2%	168
Hemophilia/Transfusion	3.2%	103
Parent With/At Risk of AIDS	2.9%	94
Unknown	2.6%	92
TOTAL	100.0%	3257

TAB-C
NATALITY

Natality
1987

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NEW JERSEY DEPARTMENT OF HEALTH

Natality
1987

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NEW JERSEY DEPARTMENT OF HEALTH

Natality
1987

INTRODUCTION

This Natality report covers births to New Jersey residents for the calendar year 1987. Similar reports on deaths, marriages, abortions, and communicable diseases follow.

Statistics provided herein are summarized from reported birth certificate items filed with the New Jersey State Registrar. In New Jersey legislation requires that the attending physician, midwife, or person acting as midwife file a Certificate of Birth within five days of birth with the Local Registrar. Births to New Jersey residents that occurred during the calendar year in other states are recorded in the state of occurrence. All certificates are forwarded to the New Jersey State Registrar who maintains these records. Individual identifiers are removed prior to tabulation of data for statistical purposes.

STATISTICAL OVERVIEW

Number of Births

The trend in New Jersey's birth rate has paralleled closely that of the United States, although the state's rates have been consistently lower than those of the nation. In 1987, there were 113,234 resident births in New Jersey, the highest annual total since 1971 when resident births totaled 111,376. Births increased by 4.4 percent from the 1986 level of 108,444. Nationally, the number of births for 1987 reached 3,829,000. This provisional estimate reported by the National Center for Health Statistics indicates an increase of 2.6 percent for the same period. In 1987 86,873 births in New Jersey were reported as white, 23,574 as nonwhite and 2,787 of unknown race. White births represented 76.7 percent of total births, while nonwhite births comprised 20.8 percent. White births increased 4.0 percent from the previous year; nonwhite births increased 4.1 percent.

Of the total births in the State, 1.8% or 2,012 were twins and 87 (0.1%) were triplets or even greater multiples. Single births were 98.1% of all births.

The ratio of male to female births in New Jersey for 1987 was 1,054 male to every 1,000 female births. This male/female ratio was up slightly from the 1986 level of 1,050. Between 1986 and 1987, the male/female ratio for white live births increased slightly from 1.056 to 1.059 while nonwhites increased from 1.032 to 1.037 (0.5%).

Birth Rate

During 1987 the birth rate in New Jersey rose 0.6 to 14.8 live births per 1,000 population. The birth rate is a measure of population increase. Once again, Camden County recorded the highest birth rate (17.1) and Bergen County the lowest (11.7). Other counties with rates above the state rate of 14.8 were: Sussex (16.9), Atlantic (16.8), Passaic (16.5), Hudson (16.0), Cumberland and Warren with 15.8 percent each, Essex (15.7), and Gloucester (15.0).

Fertility Rate

The most significant demographic factors associated with rising birth rates are the increase in the number of women aged 15-44 years and an increase in the fertility rate. The measure of the rate of childbearing in New Jersey increased slightly from last year's level of 60.4 to 62.5 in 1987. The fertility rate has fluctuated moderately since 1980 when the fertility rate was 57.4. While the fertility rate may have leveled off, one cannot lose sight of the fact that downward trend has occurred in New Jersey over the past two decades. Since the early 1970s, the overall fertility rate has dropped by approximately twenty-five percent.

Out-of-Wedlock Births

The incidence of out-of-wedlock births in 1987 was one of every 4.3 births. The level of births for which illegitimate status is reported appears to have had a small but steady increase over the last twenty years. For white women, the percentage of total births classified as illegitimate increased by less than one tenth of a percent, while for black women an increase of 8.6 percent was observed. Legitimate births to white mothers were 85.5 percent, down one-half percent from 1986; for black mothers legitimate births were 35.0 percent in 1987, down from 36.2 percent in 1986. The percentages of illegitimate births attributed to whites versus nonwhites has remained about the same, 47.3% and 52.3% respectively, with the balance of 0.4% attributed to unknown groups.

Women aged 19 years old and younger gave birth to 31.6 percent of the children born out of wedlock. Eighty percent of all births among women in this age group were illegitimate. In the 20-24 year old maternal age group, the illegitimate rate increased by 7.4 percent over 1986 to a level of 39.3 percent. For mothers 25 years of age and older the illegitimate rate was 10.8 percent. The 25-34 age group recorded 11.1 percent, an increase over 1986 of 2.7 percent.

NEWBORN HEALTH

Birthweight

The median weight group for newborns in New Jersey ranges between 6 lbs. 10 ozs. and 7 lbs. 11 ozs. Of total newborns during 1987, 35.8 percent were between 6 lbs. 10 oz. and 7 lbs. 11 oz. Almost two-thirds, 64.3 percent of the newborns, weighed between 6 lbs. 10 ozs. and 8 lbs. 13 ozs. The number of newborns in the median weight group has remained the same during the last decade. However, the percentage of newborns declined slightly.

The low birthweight group of newborns weigh 5 lbs. 8 ozs. (2,500 grams) or less. Of all New Jersey resident births for which weight was reported in 1987, 6.8 percent were recorded as low birthweight babies. White births weighing less than 5 lbs. 8 ozs. numbered 4,681 or 5.4 percent of all white births. Low birthweight, nonwhite births numbered 2,983 or 12.7 percent of all nonwhite births.

Statistics indicate that births to young mothers under 20 years of age are more likely to be premature with a low birthweight. A total of 1,157 or 11.1 percent of births to teenage mothers in 1987 were immature. Among nonwhite teenage mothers the percent of low birthweights was higher than for white teenage mothers. Underweight births to nonwhite teenage mothers represented 13.8 percent or 688 cases, compared to 8.7 percent or 465 cases for births to white teenage mothers.

Previous Pregnancy Terminations

The number of previous pregnancy terminations that a woman has had affects the incidence of low birthweight outcomes for subsequent pregnancies. In 1987 the incidence of low birthweight births to women with no previous pregnancy terminations was 6.6 percent. The percentage of immature births increased, however, with the number of previous terminations, as women with more than three previous terminations bore 13.9 percent low birthweight babies.

Prenatal Care

There is a positive relationship between birthweight and prenatal care. Low birthweight infants are born less frequently to women who begin prenatal care in the first trimester of pregnancy. The rate among this group was 5.9 percent, a slight decrease from the 6.0 percent observed in 1986. The percentage of immature births among mothers starting care during the second trimester of pregnancy was 8.5 percent, a rise of 0.1 from the 1986 percentage. Among those beginning care in the third trimester, the ratio was 8.1 percent, which was a drop of 0.3 from last year's percentage. Those receiving no prenatal care gave birth to low birthweight infants in 28.7 percent of the cases, up by almost nine percent from the 1986 rate of 26.4 percent.

Apgar Score

The APGAR score is a composite measure used to evaluate the newborn infant's general condition. APGAR scores are given to newborns at one and five minutes after birth. Heart rate, respiratory effort, color, muscle tone, and reflexes are checked and evaluated. Each of these factors receives a score of 0, 1, or 2 and the sum of the five values is the overall score. A score of 10 is optimum. Newborns with scores less than 7 are considered distressed and are observed more closely for physical problems during the first days of life. There is a significant relationship between APGAR score and birthweight, neonatal mortality, and neurological morbidity.

Twenty-one percent of all newborns in 1987 received five-minute APGAR scores of 10. Of total births, 93.5 percent were in the 7-10 APGAR score range. Low APGAR scores for newborns of nonwhite mothers were more frequent than for newborns of white mothers. Among nonwhite births, 2.4 percent had scores less than 7. Only 1.0 percent of white births were in this low score range. Across age groups low APGAR score births were at the highest rate for mothers aged 14 years old and younger (2.6%). Low APGAR scores represented 2.2 percent of births to mothers under age 20. The percentage of newborns with low scores was 1.2 percent for mothers aged 20-44.

Low APGAR score births occurred less frequently to mothers who received prenatal care. Of births among women receiving prenatal care, 1.1 percent were in the 0 to 6 score range. Among mothers receiving no prenatal care, 7.7 percent of births were below 7.

MATERNAL CHARACTERISTICS

Age

The median age group for new mothers in 1987 was 25-29 years. Approximately one-third (33.9%) of all births were to women in this age group. Births to teenage mothers, 19 years and younger, accounted for 9.2 percent of the total, slightly lower than the 9.4 percent in 1986. Teenage deliveries were highest as a percentage of total births in Cumberland (19.8%), Essex (15.6%), Salem (15.5%), and Mercer (12.7%) counties. Bergen had the lowest (2.4%) proportion of births to teenage mothers, followed by Hunterdon (2.6%) and Morris (2.7%). Women 35 years of age and older gave birth to 9.4 percent of the newborns, an increase of 3.4 percent over the previous year.

Race

Of total births, 86,873 (76.7%) were reported to occur to white mothers and 23,574 (20.8%) to nonwhite mothers. This was approximately the same proportions as in the previous year. Since 1970 the proportion of total births that were nonwhite increased slightly, while a comparable decrease occurred for the proportion of total births that were white. In 1987 this trend resumed after reversing itself slightly (less than one percent) in 1986 from the 1985 figure. Births of unknown or unrecorded race numbered 2,787 (2.5%).

Prenatal Care History

There were 1,171,766 visits for prenatal care. This level of approximately 10.3 visits per patient declined slightly from the 10.5 visits per patient in 1987. For women giving birth in 1987, 76.5 percent began prenatal care in the first trimester of their pregnancies and only 3.4 percent failed to receive care before the third trimester. Approximately 1.0 percent did not receive any prenatal care.

A greater percentage of white mothers began prenatal care in the first trimester than did nonwhite mothers, and fewer white mothers completed their pregnancies without any prenatal care. Of white mothers, 82.4 percent sought first trimester care. This was a slight decrease from 82.9 percent in 1986. Nonwhite mothers receiving prenatal care during the first trimester decreased from 67.7 percent in 1986 to 62.7 percent. Nonwhite mothers were over three times more likely not to receive any prenatal care than were white mothers (2.3 percent compared to 0.7 percent). Prenatal care for all age-race groups was lowest for nonwhite teenagers with less than one-half (45.2%) receiving first trimester care, a 12.6 percent drop from the 51.7 percent in 1986. Of nonwhite teenagers 3.2 percent did not receive any prenatal care, compared to 3.9 percent in 1986.

First trimester care was lowest for teenage mothers. Nearly one-half of the childbearing women in this age group, 4,982 (or 48.0%), received prenatal care from the first trimester of pregnancy. Of the 10,387 teenage mothers, 2.8 percent did not receive any prenatal care, and 10.4 percent did not begin prenatal care until the third trimester of pregnancy. There was a deterioration in the rate of receipt of adequate prenatal care in this age group compared to last year. Data also indicate that attention to prenatal care increases with maternal age. However, deterioration of these rates was also evident. First trimester care was received by 67.1 percent of the women aged 20-24 (down from 71.0 in 1986) and 83.2 percent of the women 25 years of age and older down from 84.1.

Educational Trends

Educational level was reported on 94.1 percent of all birth certificates. Three-fourths (79.0%) of mothers were at least high school graduates. Although the percentage of college graduates (23.3%) increased from the 1986 level, the percentage of high school graduates was still below the 1984 level of 82.3 percent. There is an inverse relationship between family size and educational attainment of the mother. Mothers with less education are more likely to already have children when giving birth. Mothers who lack a high school diploma had no previous live births in 42.3 percent of the cases. Among those who completed high school without further education, 44.3 percent had no previous live births. Comparable figures for mothers with some college and for college graduates were 44.7 percent and 47.8 percent, respectively. This relationship becomes more pronounced when comparing mothers who had three or more live births across levels of educational attainment. Of those who earned a high school diploma, 7.1 percent had three or more live births versus 6.6 percent of mothers with some college and 4.1 percent of mothers with college degrees. Among mothers who never completed high school, 13.8 percent had 3 or more live births.

Attendant at Birth

A physician was in attendance at 97.9 percent of all resident births, while midwives attended 1.8 percent of all resident births. Midwife attendance declined in 1987 by 14.3 percent. A decrease of 16.1 percent occurred among nonwhite mothers assisted by midwives. Midwives attended 1,319 white births, 651 black births, and 26 births to other races.

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RESIDENT BIRTHS

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TABLE-1

NEW JERSEY
RESIDENT BIRTHS BY RACE AND LEGITIMACY
1973-1987

						Legitimacy					
	Total Births		Race			Legitimate		Illegitimate		Unknown	
Year	Number	Rate	White	Nonwhite	Unknown	Number	Ratio	Number	Ratio	Number	Ratio
1973	94,024	12.8	74,108	19,190	726	80,493	85.6	13,526	14.4	5	-
1974	94,242	12.7	74,131	18,485	1,626	80,409	85.3	13,825	14.7	8	-
1975	91,457	12.4	71,579	18,248	1,630	77,119	84.3	14,333	15.7	5	-
1976	90,549	12.3	70,457	18,611	1,481	75,428	83.3	15,115	16.7	6	-
1977	93,786	12.7	72,944	19,249	1,593	77,258	82.4	16,524	17.6	4	-
1978	93,356	12.8	71,637	20,128	1,591	75,048	80.4	18,273	19.6	35	-
1979	95,672	13.0	73,534	20,373	1,765	76,226	79.7	19,411	20.3	35	-
1980	96,438	13.1	73,982	20,886	1,570	76,033	78.8	20,371	21.1	34	-
1981	96,205	13.0	74,086	20,416	1,703	75,872	78.9	20,297	21.1	36	-
1982	98,225	13.2	75,737	20,763	1,725	76,847	78.2	21,354	21.7	24	-
1983	98,746	13.2	76,023	20,885	1,838	77,060	78.0	21,663	21.9	23	-
1984	100,950	13.4	77,912	21,116	1,922	78,445	77.7	22,437	22.2	68	0.1
1985	105,329	13.9	80,847	22,136	2,346	81,214	77.1	23,044	21.9	1,071	1.0
1986	108,444	14.2	83,504	22,642	2,298	83,686	77.2	24,632	22.7	126	0.1
1987	113,234	14.8	86,873	23,574	2,787	86,594	76.5	26,396	23.3	244	0.2

TABLE-2

RESIDENT BIRTHS BY AGE, RACE, SEX
1987

AGE OF MOTHER	TOTAL			WHITE			BLACK			OTHER			UNKNOWN		
	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
14 OR LESS	272	134	138	81	40	41	187	91	96	3	3	0	1	0	1
15	584	288	296	196	95	101	384	190	194	3	2	1	1	1	0
16	1302	701	601	573	312	261	711	376	335	8	7	1	10	6	4
17	2004	1026	978	997	506	491	975	503	472	15	7	8	17	10	7
18	2772	1417	1355	1498	771	727	1235	623	612	15	7	8	24	16	8
19	3453	1791	1662	1992	1018	974	1420	751	669	20	11	9	21	11	10
20-24	24295	12410	11885	16964	8735	8229	6709	3371	3338	325	158	167	297	146	151
25-29	38430	19766	18663	31241	16072	15168	5334	2735	2599	956	491	465	899	468	431
30-34	29387	15156	14229	24650	12762	11886	2897	1446	1451	822	425	397	1018	523	495
35-39	9406	4755	4650	7647	3851	3795	1031	526	505	311	167	144	417	211	206
40-44	1204	610	594	944	471	473	141	75	66	55	28	27	64	36	28
45 OR MORE	42	17	25	36	15	21	3	1	2	2	1	1	1	0	1
UNKNOWN	83	35	48	54	24	30	11	6	5	1	0	1	17	5	12
TOTAL	113234	58106	55124	86873	44672	42197	21038	10694	10344	2536	1307	1229	2787	1433	1354

T = TOTAL M = MALE F = FEMALE
TOTALS MAY INCLUDE BIRTHS UNKNOWN AS TO SEX

TABLE-3

RESIDENT BIRTHS BY LEGITIMACY, AND AGE OF MOTHER
1987

AGE OF MOTHER	TOTAL BIRTHS	LEGITIMATE					ILLEGITIMATE					LEGIT UNKN.
		TOTAL	WHITE	BLACK	OTHER	UNKN.	TOTAL	WHITE	BLACK	OTHER	UNKN.	
14 OR LESS	272	12	8	3	1	0	260	73	184	2	1	0
15-19	10115	2013	1720	236	18	39	8088	3530	4485	42	31	14
20-24	24295	14707	12380	1795	280	252	9557	4573	4911	43	30	31
25-34	67817	60151	52095	4541	1731	1784	7510	3736	3684	47	43	156
35-44	10610	9608	8027	781	358	442	962	552	389	8	13	40
45 OR MORE	42	32	28	1	2	1	10	8	2	0	0	0
UNKNOWN	83	71	50	5	1	15	9	2	6	0	1	3
TOTAL	113234	86594	74308	7362	2391	2533	26396	12474	13661	142	119	244

TABLE-4

RESIDENT BIRTHS -- MONTH PREGNANCY PRENATAL CARE BEGAN
BY AGE OF MOTHER AND RACE
1987

AGE OF MOTHER	RACE	TOTAL	MONTH OF PREGNANCY PRENATAL CARE BEGAN										
			1	2	3	4	5	6	7	8	9	UNKN	NONE
14 OR LESS	WHITE	81	2	16	8	10	15	5	9	7	1	4	4
	BLACK	187	7	28	32	14	30	31	16	14	3	7	5
	OTHER	3	1	0	1	1	0	0	0	0	0	0	0
	UNKNOWN	1	0	0	0	0	0	0	0	0	0	1	0
15-19	WHITE	5256	421	1165	1110	736	591	399	255	169	70	209	131
	BLACK	4725	329	811	1015	660	613	416	285	173	64	209	150
	OTHER	61	4	7	14	9	7	6	4	3	2	2	3
	UNKNOWN	73	3	2	6	8	3	8	2	1	1	39	0
20-24	WHITE	16964	2804	5939	3431	1657	1019	666	431	264	116	454	183
	BLACK	6709	705	1620	1547	796	585	435	305	177	79	273	187
	OTHER	325	62	100	59	30	18	11	11	7	3	16	8
	UNKNOWN	297	10	18	11	4	5	2	2	3	0	240	2
25-34	WHITE	55891	13255	26210	9653	2695	1172	673	443	259	119	1154	258
	BLACK	8231	1232	2613	1944	741	531	294	209	137	46	330	154
	OTHER	1778	364	756	330	121	61	34	25	20	6	44	17
	UNKNOWN	1917	30	103	36	21	5	8	1	0	0	1711	2
35-44	WHITE	8591	1981	4001	1523	396	170	104	54	35	24	255	48
	BLACK	1172	192	407	298	91	54	35	24	15	2	35	19
	OTHER	366	60	161	82	19	12	11	5	2	0	9	5
	UNKNOWN	481	8	11	11	2	2	0	1	0	0	445	1
45 OR MORE	WHITE	36	3	16	4	4	2	2	0	1	0	4	0
	BLACK	3	0	1	0	1	1	0	0	0	0	0	0
	OTHER	2	0	0	0	1	0	0	0	0	0	1	0
	UNKNOWN	1	0	0	0	0	0	0	0	0	0	1	0
UNKNOWN	WHITE	54	12	11	12	3	0	1	0	0	0	14	1
	BLACK	11	0	2	1	1	0	0	0	0	0	6	1
	OTHER	1	0	0	1	0	0	0	0	0	0	0	0
	UNKNOWN	17	0	3	0	0	1	0	0	0	0	13	0
TOTAL		113234	21485	44001	21129	8021	4897	3141	2082	1287	536	5476	1179

AGE OR RACE GROUPS WITHOUT CASES DO NOT APPEAR ON TABLE

TABLE-5

RESIDENT BIRTHS -- BIRTH WEIGHT GROUPS BY AGE AND RACE
1987

AGE OF MOTHER	RACE	TOTAL BIRTHS	A	B	C	D	E	F	G	H	I	J	K
			BIRTH WEIGHT GROUPS										
14 OR LESS	WHITE	81	0	0	3	14	36	20	4	3	1	0	0
	BLACK	187	0	0	4	34	68	44	23	6	4	3	1
	OTHER	3	0	0	0	0	2	1	0	0	0	0	0
	UNKNOWN	1	0	0	0	0	0	1	0	0	0	0	0
15-19	WHITE	5256	5	50	338	1365	2052	979	282	95	37	43	10
	BLACK	4725	2	13	136	817	1877	1229	396	110	66	73	6
	OTHER	61	0	0	4	11	21	18	3	3	1	0	0
	UNKNOWN	73	0	0	1	6	18	8	2	0	0	2	36
20-24	WHITE	16964	29	287	1527	5039	6444	2619	637	179	86	78	39
	BLACK	6709	10	36	292	1256	2596	1625	532	168	84	102	8
	OTHER	325	0	1	8	60	132	98	18	6	0	1	1
	UNKNOWN	297	0	1	4	13	19	15	4	1	2	0	238
25-34	WHITE	55891	150	1139	5989	18214	20027	7364	1732	521	245	237	273
	BLACK	8231	16	82	424	1853	2941	1827	637	183	105	151	12
	OTHER	1778	3	8	83	405	726	430	89	18	7	8	1
	UNKNOWN	1917	2	2	12	68	95	35	10	6	2	2	1683
35-44	WHITE	8591	28	208	1031	2823	2820	1121	318	87	47	40	68
	BLACK	1172	2	20	85	266	406	232	89	30	19	21	2
	OTHER	366	1	1	20	96	154	70	17	5	0	2	0
	UNKNOWN	481	0	1	4	15	12	6	2	0	0	2	439
45 OR MORE	WHITE	36	0	2	3	14	9	6	2	0	0	0	0
	BLACK	3	0	0	0	0	1	2	0	0	0	0	0
	OTHER	2	0	0	0	0	2	0	0	0	0	0	0
	UNKNOWN	1	0	0	0	0	0	0	0	0	0	0	1
UNKNOWN	WHITE	54	0	0	6	10	19	7	2	2	0	3	5
	BLACK	11	0	0	1	2	2	3	0	0	0	3	0
	OTHER	1	0	0	0	0	1	0	0	0	0	0	0
	UNKNOWN	17	0	0	0	1	3	0	0	0	0	1	12
TOTAL		113234	248	1851	9975	32382	40483	17760	4799	1423	706	772	2835

A= 11 LBS OR MORE (5001 OR MORE GRAMS)
B= 9 LBS 15 OZS-11 LBS (4501-5000 GRAMS)
C= 8 LBS 14 OZS- 9 LBS 14 OZS (4001-4500 GRAMS)
D= 7 LBS 12 OZS- 8 LBS 13 OZS (3501-4000 GRAMS)
E= 6 LBS 10 OZS- 7 LBS 11 OZS (3001-3500 GRAMS)
F= 5 LBS 9 OZS- 6 LBS 9 OZS (2501-3000 GRAMS)
G= 4 LBS 7 OZS-5 LBS 8 OZS (2001-2500 GRAMS)
H= 3 LBS 5 OZS-4 LBS 6 OZS (1501-2000 GRAMS)
I= 2 LBS 4 OZS-3 LBS 4 OZS (1001-1500 GRAMS)
J= 2 LBS 3 OZS OR LESS (1000 OR LESS GRAMS)
K= WEIGHT NOT STATED

TABLE-6

RESIDENT-BIRTHS -- APGAR SCORE BY AGE AND RACE
1987

AGE OF MOTHER	RACE	TOTAL	APGAR SCORE (5 MINUTES) 0	1	2	3	4	5	6	7	8	9	10	UNKN
14 OR LESS	WHITE	81	0	0	0	1	0	0	0	1	8	61	8	2
	BLACK	187	1	3	0	0	0	0	2	4	17	138	21	1
	OTHER	3	0	0	0	0	0	0	0	0	0	3	0	0
	UNKNOWN	1	0	0	0	0	0	0	0	0	0	1	0	0
15-19	WHITE	5256	6	20	3	5	9	13	42	66	322	3695	973	102
	BLACK	4725	9	22	2	10	8	25	47	92	348	3592	502	68
	OTHER	61	0	0	0	0	0	0	0	1	5	48	6	1
	UNKNOWN	73	0	1	0	0	0	0	0	1	2	23	9	37
20-24	WHITE	16964	10	23	11	17	15	34	71	161	820	11390	4008	404
	BLACK	6709	23	30	6	14	20	32	54	117	445	4932	914	122
	OTHER	325	0	0	0	0	0	0	4	3	17	199	93	9
	UNKNOWN	297	0	0	0	0	0	0	0	0	4	31	10	252
25-34	WHITE	55891	40	68	38	37	49	87	163	454	2485	36912	13464	2094
	BLACK	8231	17	30	17	13	22	29	80	135	587	5923	1215	163
	OTHER	1778	1	2	0	3	2	2	8	13	53	1068	588	38
	UNKNOWN	1917	0	1	0	0	0	0	0	1	7	109	62	1737
35-44	WHITE	8591	6	17	5	5	8	11	29	80	431	5587	2016	396
	BLACK	1172	1	6	3	3	3	7	10	19	77	841	169	33
	OTHER	366	0	0	1	0	0	1	1	6	11	228	108	10
	UNKNOWN	481	0	1	0	0	0	0	0	0	3	21	8	448
45 OR MORE	WHITE	36	0	0	0	0	0	0	0	0	4	18	10	4
	BLACK	3	0	0	0	0	0	0	0	0	0	2	1	0
	OTHER	2	0	0	0	0	0	0	0	0	0	2	0	0
	UNKNOWN	1	0	0	0	0	0	0	0	0	0	0	0	1
UNKNOWN	WHITE	54	0	1	0	0	0	0	0	0	1	7	3	42
	BLACK	11	0	1	0	0	0	0	1	0	2	1	1	5
	OTHER	1	0	0	0	0	0	0	0	0	0	1	0	0
	UNKNOWN	17	0	0	0	0	0	1	0	0	0	2	0	14
TOTAL		113234	114	226	86	108	136	242	512	1154	5649	74835	24189	5983

AGE OR RACE GROUPS WITHOUT CASES DO NOT APPEAR ON TABLE

TABLE-7

RESIDENT BIRTHS -- BIRTH WEIGHT, APGAR SCORE BY AGE
1987

AGE OF MOTHER	TOTAL BIRTHS	BIRTH WEIGHT: 5 LBS 8 OZ (2500 GMS) OR LESS	BIRTH WEIGHT: 5 LBS 9 OZ (2501 GMS) OR MORE	BIRTH WEIGHT: WEIGHT UNKNOWN	APGAR SCORE (5 MINUTES): 0-6	APGAR SCORE (5 MINUTES): 7-10	APGAR SCORE (5 MINUTES): UNKN.
14 OR LESS	272	44	227	1	7	262	3
15-19	10115	1113	8950	52	222	9685	208
20-24	24295	1898	22111	286	364	23144	787
25-34	67817	3953	61895	1969	709	63076	4032
35-44	10610	679	9422	509	118	9605	887
45 OR MORE	42	2	39	1	0	37	5
UNKNOWN	83	11	55	17	4	18	61
TOTAL	113234	7700	102699	2835	1424	105827	5983

TABLE-8

RESIDENT BIRTHS -- BIRTH WEIGHT, APGAR SCORE BY RACE
1987

		BIRTH WEIGHT			APGAR SCORE (5 MINUTES)		
RACE	TOTAL BIRTHS	5 LBS 8 OZ (2500 GMS) OR LESS	5 LBS 9 OZ (2501 GMS) OR MORE	WEIGHT UNKNOWN	0-6	7-10	UNKN.
WHITE	86873	4681	81797	395	844	82985	3044
BLACK	21038	2805	18204	29	551	20095	392
OTHER	2536	178	2356	2	25	2453	58
UNKNOWN	2787	36	342	2409	4	294	2489
TOTAL	113234	7700	102699	2835	1424	105827	5983

TABLE-9

RESIDENT BIRTHS -- BIRTH WEIGHT, APGAR SCORE BY MONTH PRENATAL CARE BEGAN
1987

MONTH CARE BEGAN	TOTAL BIRTHS	BIRTH WEIGHT: 5 LBS 8 OZ (2500 GMS) OR LESS	BIRTH WEIGHT: 5 LBS 9 OZ (2501 GMS) OR MORE	WEIGHT UNKNOWN	APGAR SCORE (5 MINUTES): 0-6	APGAR SCORE (5 MINUTES): 7-10	APGAR SCORE (5 MINUTES): UNKN.
1	21485	1207	20247	31	221	20631	633
2	44001	2444	41501	56	417	42268	1316
3	21129	1476	19621	32	273	20323	533
4	8021	680	732[illegible]	14	111	7745	165
5	4897	426	4468	3	84	4734	79
6	3141	254	2879	8	47	3023	71
7	2082	172	1904	6	23	2015	44
8	1287	104	1181	2	10	1245	32
9	536	42	494	0	12	507	17
NO CARE	1179	338	841	0	91	1056	32
UNKNOWN	5476	557	2236	2683	135	2280	3061
TOTAL	113234	7700	102699	2835	1424	105827	5983

TABLE-10

RESIDENT BIRTHS -- BIRTH WEIGHT, APGAR SCORE BY PREVIOUS NUMBER OF PREGNANCY TERMINATIONS 1987

NUMBER OF PREVIOUS TERMINATIONS	TOTAL BIRTHS	BIRTH WEIGHT 5 LBS 8 OZ (2500 GMS) OR LESS	5 LBS 9 OZ (2501 GMS) OR MORE	WEIGHT UNKNOWN	APGAR SCORE (5 MINUTES) 1-6	7-10	UNKN.
0	83032	5519	77447	66	1040	81490	502
1	16949	1170	15763	16	220	16647	82
2	5303	460	4838	5	101	5175	27
3	1647	172	1473	2	29	1607	11
OVER 3	775	108	666	1	32	738	5
UNKNOWN	5528	271	2512	2745	2	170	5356
TOTAL	113234	7700	102699	2835	1424	105827	5983

TABLE-11

RESIDENT BIRTHS -- PREVIOUS NUMBER OF LIVE BIRTHS BY AGE OF MOTHER
1987

AGE OF MOTHER	TOTAL	PREVIOUS NUMBER OF LIVE BIRTHS 0	1	2	3	OVER 3	UNKN.
14 OR LESS	272	258	9	1	0	2	2
15 - 19	10115	7774	1773	384	48	8	128
20 - 24	24295	12689	7310	2624	753	308	611
25 - 29	38430	16775	12392	5214	1506	713	1830
30 - 34	29387	8665	10563	5457	1802	920	1980
35 - 39	9406	2045	2951	2111	887	632	780
40 OR MORE	1246	205	296	252	161	203	129
UNKNOWN	83	9	8	1	1	1	63
TOTAL	113234	48420	35302	16044	5158	2787	5523

TABLE-12

RESIDENT BIRTHS -- PREVIOUS NUMBER OF LIVE BIRTHS BY EDUCATIONAL LEVEL OF MOTHER

1987

		PREVIOUS NUMBER OF LIVE BIRTHS					
EDUCATIONAL LEVEL OF MOTHER	TOTAL	0	1	2	3	OVER 3	UNKN.
A. GRAMMAR SCHOOL	3342	1210	904	637	299	291	1
B. SOME HIGH SCHOOL	13719	6011	3708	2217	1031	735	17
C. HIGH SCHOOL GRADUATE	43699	19345	14458	6771	2078	1025	22
D. SOME COLLEGE	19390	8671	6598	2830	886	392	13
E. COLLEGE GRADUATE	26348	12604	9271	3398	785	284	6
F. UNKNOWN	6736	579	363	191	79	60	5464
TOTAL	113234	48420	35302	16044	5158	2787	5523

TABLE-13

RESIDENT BIRTHS -- BY RACE AND SEX
1987

COUNTY OF RESIDENCE	TOTAL			WHITE			BLACK			OTHER			UNKNOWN		
	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F
ATLANTIC	3507	1821	1686	2572	1346	1226	857	439	418	66	34	32	12	2	10
BERGEN	9711	5031	4680	8002	4143	3859	485	240	245	430	225	205	794	423	371
BURLINGTON	5473	2827	2646	4481	2305	2176	868	460	408	95	50	45	29	12	17
CAMDEN	8500	4326	4174	6531	3338	3193	1813	914	899	102	52	50	54	22	32
CAPE MAY	1298	627	671	1201	579	622	93	45	48	4	3	1	0	0	0
CUMBERLAND	2178	1109	1069	1644	826	818	492	261	231	21	12	9	21	10	11
ESSEX	13262	6870	6392	6104	3193	2911	6703	3449	3254	188	91	97	267	137	130
GLOUCESTER	3190	1677	1511	2813	1494	1317	342	170	172	18	5	13	17	8	9
HUDSON	8750	4446	4304	6078	3097	2981	1899	964	935	356	179	177	417	206	211
HUNTERDON	1446	737	709	1400	711	689	19	12	7	17	9	8	10	5	5
MERCER	4774	2458	2316	3274	1709	1565	1396	692	704	75	41	34	29	16	13
MIDDLESEX	9538	4867	4671	7984	4118	3866	936	440	496	353	177	176	265	132	133
MONMOUTH	8020	4135	3885	6610	3407	3203	976	502	474	180	94	86	254	132	122
MORRIS	5616	2834	2781	5187	2621	2565	184	88	96	134	66	68	111	59	52
OCEAN	5560	2824	2736	5143	2633	2510	241	108	133	34	16	18	142	67	75
PASSAIC	7632	3897	3735	5816	2953	2863	1540	795	745	196	101	95	80	48	32
SALEM	813	408	405	590	286	304	193	105	88	4	2	2	26	15	11
SOMERSET	3200	1644	1556	2843	1454	1389	218	113	105	99	56	43	40	21	19
SUSSEX	2099	1100	999	2008	1053	955	6	4	2	8	6	2	77	37	40
UNION	7101	3657	3443	5148	2666	2481	1690	846	844	134	74	60	129	71	58
WARREN	1375	708	667	1335	683	652	22	11	11	6	5	1	12	9	3
STATE INST	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0
MILITARY	190	102	88	108	56	52	65	36	29	16	9	7	1	1	0
TOTAL	113234	58106	55124	86873	44672	42197	21038	10694	10344	2536	1307	1229	2787	1433	1354

T = TOTAL M = MALE F = FEMALE
TOTALS MAY INCLUDE BIRTHS UNKNOWN AS TO SEX

TABLE-14

RESIDENT BIRTHS -- BY LEGITIMACY AND RACE
1987

COUNTY OF RESIDENCE	TOTAL BIRTHS	LEGITIMATE					ILLEGITIMATE					LEGIT UNKN.
		TOTAL	WHITE	BLACK	OTHER	UNKN.	TOTAL	WHITE	BLACK	OTHER	UNKN.	
ATLANTIC	3507	2279	2008	214	50	7	1223	561	643	16	3	5
BERGEN	9711	9005	7553	282	425	745	664	446	203	5	10	42
BURLINGTON	5473	4465	3887	466	86	26	1003	591	401	9	2	5
CAMDEN	8500	5819	5153	538	84	44	2664	1365	1273	17	9	17
CAPE MAY	1298	1031	1004	24	3	0	265	195	69	1	0	2
CUMBERLAND	2178	1237	1104	106	15	12	940	539	386	6	9	1
ESSEX	13262	7382	4826	2143	174	239	5862	1277	4556	14	15	18
GLOUCESTER	3190	2567	2406	134	14	13	620	404	208	4	4	3
HUDSON	8750	5887	4519	665	339	364	2833	1555	1233	16	29	30
HUNTERDON	1446	1359	1323	9	17	10	86	76	10	0	0	1
MERCER	4774	3203	2755	357	66	25	1569	517	1039	9	4	2
MIDDLESEX	9538	8225	7124	509	346	246	1296	857	427	7	5	17
MONMOUTH	8020	6766	5973	385	170	238	1236	633	591	10	2	18
MORRIS	5616	5178	4851	93	133	101	427	329	91	1	6	11
OCEAN	5560	4784	4547	85	26	126	769	595	156	8	10	7
PASSAIC	7632	5342	4608	476	184	74	2273	1199	1061	11	2	17
SALEM	813	541	469	45	4	23	271	121	148	0	2	1
SOMERSET	3200	2912	2663	115	97	37	284	179	103	2	0	4
SUSSEX	2099	1895	1812	3	7	73	178	171	3	1	3	26
UNION	7101	5370	4474	647	130	119	1716	669	1039	4	4	15
WARREN	1375	1173	1146	11	6	10	200	189	11	0	0	2
STATE INST	1	0	0	0	0	0	1	1	0	0	0	0
MILITARY	190	174	103	55	15	1	16	5	10	1	0	0
TOTAL	113234	86594	74308	7362	2391	2533	26396	12474	13661	142	119	244

TABLE-15

RESIDENT BIRTHS -- BY AGE OF MOTHER
1987

COUNTY OF RESIDENCE	TOTAL	AGE OF MOTHER 14 OR LESS	15	16	17	18	19	20-24	25-29	30-34	35-39	40-44	45 OR MORE	UNK
ATLANTIC	3507	11	31	51	84	119	119	973	1190	723	189	15	1	1
BERGEN	9711	5	8	18	41	69	94	1291	3422	3392	1193	171	5	2
BURLINGTON	5473	5	23	59	101	123	163	1258	1945	1353	398	37	0	8
CAMDEN	8500	26	57	140	226	282	347	2067	2866	1884	527	57	2	19
CAPE MAY	1298	1	1	9	28	28	50	336	452	295	85	9	2	2
CUMBERLAND	2178	18	31	67	83	125	108	695	618	322	98	12	1	0
ESSEX	13262	62	127	295	408	521	661	3418	3724	2858	1041	141	2	4
GLOUCESTER	3190	6	11	23	60	78	120	746	1155	734	216	32	1	8
HUDSON	8750	27	56	143	170	275	333	2332	2867	1772	662	105	5	3
HUNTERDON	1446	0	3	4	4	8	18	172	496	541	174	22	1	3
MERCER	4774	24	55	86	117	148	178	1037	1497	1173	406	46	1	6
MIDDLESEX	9538	11	19	61	95	185	198	1748	3710	2692	711	100	3	5
MONMOUTH	8020	13	31	62	93	128	196	1373	2826	2449	745	95	3	6
MORRIS	5616	1	1	9	22	47	69	764	1923	2023	665	86	3	3
OCEAN	5560	9	25	32	65	101	140	1291	2069	1370	399	54	2	3
PASSAIC	7632	30	58	124	208	233	314	1944	2416	1672	567	62	3	1
SALEM	813	4	5	18	23	31	45	235	260	153	36	2	1	0
SOMERSET	3200	3	6	8	24	33	38	420	1264	1000	361	42	1	0
SUSSEX	2099	1	0	13	19	28	28	304	801	675	206	22	1	1
UNION	7101	12	32	73	116	170	197	1498	2362	1923	625	87	4	2
WARREN	1375	3	4	7	15	36	31	330	499	346	91	7	0	6
STATE INST	1	0	0	0	0	0	0	0	0	1	0	0	0	0
MILITARY	190	0	0	0	2	4	6	63	68	36	11	0	0	0
TOTAL	113234	272	584	1302	2004	2772	3453	24295	38430	29387	9406	1204	42	83

TABLE-16

RESIDENT BIRTHS -- BY MONTH PREGNANCY PRENATAL CARE BEGAN
1987

COUNTY OF RESIDENCE	NUMBER OF VISITS TOTAL	NUMBER OF VISITS UNKN	NO PREN CARE	MONTH OF PREGNANCY PRENATAL CARE BEGAN 1	2	3	4	5	6	7	8	9	UNKN
ATLANTIC	35784	86	48	291	1036	862	450	273	203	140	79	24	101
BERGEN	100292	1226	83	2105	4275	1488	325	135	90	59	36	26	1089
BURLINGTON	56763	194	25	1137	2256	959	380	274	141	83	50	22	146
CAMDEN	83774	266	124	1468	3179	1696	718	424	298	201	98	45	249
CAPE MAY	11529	26	2	59	449	362	170	97	62	35	25	5	32
CUMBERLAND	20118	66	15	236	507	486	306	196	156	104	76	27	69
ESSEX	136995	493	121	2081	4878	3142	862	678	445	297	179	66	513
GLOUCESTER	35082	86	14	672	1314	608	229	108	88	37	29	13	78
HUDSON	85003	1060	82	1703	2858	1399	700	492	345	203	112	38	818
HUNTERDON	16045	23	0	181	711	398	60	23	18	12	10	5	28
MERCER	51488	172	32	1189	1840	797	312	185	124	91	49	15	140
MIDDLESEX	104186	375	44	2549	3689	1476	547	369	200	165	101	37	361
MONMOUTH	87400	398	37	1357	3375	1565	614	330	166	103	61	29	383
MORRIS	64747	151	24	1278	2892	804	191	95	49	30	18	7	228
OCEAN	57391	208	28	1072	2180	1117	465	222	120	89	47	23	197
PASSAIC	67529	494	435	1197	2397	1258	701	447	266	227	123	65	496
SALEM	7458	51	5	117	270	157	93	53	36	21	10	5	46
SOMERSET	37119	67	3	784	1493	548	144	67	34	15	25	8	79
SUSSEX	21986	112	9	364	1046	344	85	49	37	20	22	12	111
UNION	74354	284	37	1420	2605	1359	566	326	212	123	119	56	278
WARREN	15121	26	10	201	697	256	84	43	23	17	10	5	29
STATE INST	3	0	0	0	0	0	0	1	0	0	0	0	0
MILITARY	1599	9	1	24	54	48	19	10	8	10	8	3	5
TOTAL	1171766	5873	1179	21485	44001	21129	8021	4897	3141	2082	1287	536	5476

TABLE-17

RESIDENT BIRTHS -- BY BIRTH WEIGHT GROUPS
1987

COUNTY OF RESIDENCE	TOTAL BIRTHS	BIRTH WEIGHT GROUPS A	B	C	D	E	F	G	H	I	J	K
ATLANTIC	3507	5	53	314	1079	1238	557	167	40	22	24	8
BERGEN	9711	17	166	928	2750	3298	1248	309	88	33	44	830
BURLINGTON	5473	13	104	507	1724	1871	841	261	61	30	32	29
CAMDEN	8500	16	131	757	2413	3077	1442	394	115	46	63	46
CAPE MAY	1298	2	34	149	395	463	168	59	15	5	5	3
CUMBERLAND	2178	7	34	176	636	799	365	95	27	14	18	7
ESSEX	13262	29	140	851	3135	4983	2551	776	218	148	148	283
GLOUCESTER	3190	9	66	339	1002	1139	442	102	33	20	22	16
HUDSON	8750	8	90	586	2149	3207	1609	436	115	57	56	437
HUNTERDON	1446	4	39	163	473	520	196	30	4	2	6	9
MERCER	4774	16	76	374	1306	1763	814	230	79	35	49	32
MIDDLESEX	9538	32	170	901	2807	3349	1394	367	101	57	64	296
MONMOUTH	8020	17	141	737	2404	2773	1154	321	99	47	53	274
MORRIS	5616	15	108	611	1857	1941	739	160	54	19	29	83
OCEAN	5560	9	114	546	1724	2023	760	168	40	24	17	135
PASSAIC	7632	17	110	639	2054	2798	1319	372	131	56	62	74
SALEM	813	3	20	71	218	278	146	35	10	6	3	23
SOMERSET	3200	8	77	344	1063	1099	425	88	34	14	16	32
SUSSEX	2099	3	37	213	684	700	268	76	28	13	6	71
UNION	7101	16	108	602	2002	2644	1088	294	115	47	49	136
WARREN	1375	2	31	152	458	450	201	45	13	8	4	11
STATE INST	1	0	0	0	0	1	0	0	0	0	0	0
MILITARY	190	0	2	15	49	69	33	14	3	3	2	0
TOTAL	113234	248	1851	9975	32362	40483	17760	4799	1423	706	772	2835

A= 11 LBS OR MORE (5001 OR MORE GRAMS)
B= 9 LBS 15 OZS-11 LBS (4501-5000 GRAMS)
C= 8 LBS 14 OZS- 9 LBS 14 OZS (4001-4500 GRAMS)
D= 7 LBS 12 OZS- 8 LBS 13 OZS (3501-4000 GRAMS)
E= 6 LBS 10 OZS- 7 LBS 11 OZS (3001-3500 GRAMS)
F= 5 LBS 9 OZS- 6 LBS 9 OZS (2501-3000 GRAMS)
G= 4 LBS 7 OZS-5 LBS 8 OZS (2001-2500 GRAMS)
H= 3 LBS 5 OZS-4 LBS 6 OZS (1501-2000 GRAMS)
I= 2 LBS 4 OZS-3 LBS 4 OZS (1001-1500 GRAMS)
J= 2 LBS 3 OZS OR LESS (1000 OR LESS GRAMS)
K= WEIGHT NOT STATED

TABLE-18

RESIDENT BIRTHS -- BY APGAR SCORE (5 MINUTES)
1987

COUNTY OF RESIDENCE	TOTAL	APGAR SCORE (5 MINUTES) 0	1	2	3	4	5	6	7	8	9	10	UNKN.
ATLANTIC	3507	2	8	5	5	6	2	13	40	211	2415	679	121
BERGEN	9711	10	12	4	7	9	8	30	45	209	3710	4730	937
BURLINGTON	5473	3	10	1	4	5	14	27	73	322	3889	733	392
CAMDEN	8500	9	23	6	11	11	23	40	92	553	6129	621	982
CAPE MAY	1298	1	1	0	4	1	2	8	10	41	385	799	46
CUMBERLAND	2178	0	1	5	3	3	11	20	27	111	1261	679	57
ESSEX	13262	30	34	14	11	20	38	67	185	754	10088	1599	422
GLOUCESTER	3190	1	5	3	2	6	9	9	37	210	2220	334	354
HUDSON	8750	8	10	6	7	9	11	42	63	289	4097	3724	484
HUNTERDON	1446	1	2	1	2	2	2	2	18	72	962	311	71
MERCER	4774	4	23	3	8	3	11	20	52	251	3362	894	143
MIDDLESEX	9538	8	28	8	13	8	18	37	86	408	7216	1352	356
MONMOUTH	8020	5	10	4	10	12	20	43	77	474	6337	650	378
MORRIS	5616	4	6	7	4	4	6	18	49	266	3769	1368	115
OCEAN	5560	3	9	5	2	3	18	19	50	217	4044	1000	190
PASSAIC	7632	10	16	4	5	12	23	67	105	529	4931	1793	137
SALEM	813	0	1	1	0	2	0	3	6	34	419	170	177
SOMERSET	3200	3	8	5	3	7	6	14	29	203	2358	510	54
SUSSEX	2099	2	7	0	0	1	4	4	21	100	1194	555	211
UNION	7101	6	9	4	6	10	14	27	84	337	5356	1067	181
WARREN	1375	4	3	0	0	1	1	2	4	47	549	595	169
STATE INST	1	0	0	0	0	0	0	0	0	0	0	1	0
MILITARY	190	0	0	0	1	1	1	0	1	11	144	25	6
TOTAL	113234	114	226	86	108	136	242	512	1154	5649	74835	24189	5983

TABLE-19

RESIDENT BIRTHS -- BY ATTENDANT AND RACE
1987

COUNTY OF RESIDENCE	TOTAL BIRTHS	ATTENDANT PHYSICIAN				MIDWIFE				OTHER				UNKNOWN			
		TOTAL	WHITE	BLACK	OTH	TOT	WH	BLK	OTH	TOT	WH	BLK	OTH	TOT	WH	BLK	OTH
ATLANTIC	3507	3385*	2495	816	63	118*	76	38	3	4	1	3	0	0	0	0	0
BERGEN	9711	9627*	7937	482	426	48*	39	3	1	14	11	0	3	22*	15	0	0
BURLINGTON	5473	5437*	4449	864	95	24	20	4	0	6	6	0	0	6	6	0	0
CAMDEN	8500	8419*	6470	1799	99	50	43	5	2	19	11	7	1	12*	7	2	0
CAPE MAY	1298	1287	1190	93	4	10	10	0	0	0	0	0	0	1	1	0	0
CUMBERLAND	2178	1828*	1400	393	16	341*	237	99	3	3	2	0	1	6	5	0	1
ESSEX	13262	12889*	6003	6437	186	335*	84	247	2	25	9	16	0	13*	8	3	0
GLOUCESTER	3190	3118*	2748	335	18	62	58	4	0	7	4	3	0	3	3	0	0
HUDSON	8750	8406*	5877	1770	350	334*	196	125	6	7	4	3	0	3*	1	1	0
HUNTERDON	1446	1410*	1365	18	17	26	25	1	0	5	5	0	0	5	5	0	0
MERCER	4774	4586*	3170	1313	74	174	95	78	1	14	9	5	0	0	0	0	0
MIDDLESEX	9538	9463*	7921	931	352	32*	26	2	1	30	28	2	0	13*	9	1	0
MONMOUTH	8020	7953*	6560	963	179	18	18	0	0	35	24	10	1	14*	8	3	0
MORRIS	5616	5406*	4991	177	129	179	168	6	5	15	14	1	0	16*	14	0	0
OCEAN	5560	5524*	5109	240	34	16	16	0	0	16	15	1	0	4*	3	0	0
PASSAIC	7632	7547*	5755	1522	194	52*	37	11	1	24	17	6	1	9*	7	1	0
SALEM	813	798*	578	190	4	15	12	3	0	0	0	0	0	0	0	0	0
SOMERSET	3200	3166*	2810	217	99	22	22	0	0	9	8	1	0	3	3	0	0
SUSSEX	2099	2030*	1939	6	8	59	59	0	0	2	2	0	0	8	8	0	0
UNION	7101	6989*	5072	1658	133	95*	68	25	1	7	2	5	0	10*	6	2	0
WARREN	1375	1361*	1323	22	6	10	10	0	0	2	2	0	0	2*	0	0	0
STATE INST	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MILITARY	190	188*	108	63	16	0	0	0	0	0	0	0	0	2	0	2	0
TOTAL	113234	110818	85271	20309	2502	2020	1319	651	26	244	174	63	7	152	109	15	1

* TOTAL INCLUDES BIRTHS UNKNOWN AS TO RACE

TABLE-20

RESIDENT BIRTHS BY MONTH
1987

COUNTY OF RESIDENCE	TOTAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	UNKN
ATLANTIC	3507	265	298	262	280	269	288	340	294	296	317	308	290	0
BERGEN	9711	727	733	820	621	804	885	862	821	837	813	790	798	0
BURLINGTON	5473	449	418	479	423	439	456	478	478	498	436	424	495	0
CAMDEN	8500	666	634	679	700	736	721	718	713	710	768	710	745	0
CAPE MAY	1298	100	95	109	107	110	109	123	105	109	117	112	102	0
CUMBERLAND	2178	181	181	169	174	157	168	186	216	181	200	191	172	0
ESSEX	13262	1044	982	1066	1078	1178	1149	1223	1101	1195	1086	1080	1080	0
GLOUCESTER	3190	266	236	274	239	240	239	288	276	279	281	267	305	0
HUDSON	8750	700	647	703	721	752	772	775	701	784	744	693	758	0
HUNTERDON	1446	96	111	116	126	138	105	130	149	122	119	112	122	0
MERCER	4774	351	373	375	396	416	402	425	401	421	414	406	394	0
MIDDLESEX	9538	787	747	773	764	868	783	827	847	801	787	750	804	0
MONMOUTH	8020	677	607	671	657	677	701	706	691	661	709	651	612	0
MORRIS	5616	439	410	458	470	524	532	476	462	488	475	417	465	0
OCEAN	5560	422	443	462	415	464	474	495	453	474	470	494	494	0
PASSAIC	7632	606	558	630	628	689	633	671	636	685	647	602	647	0
SALEM	813	62	65	75	53	69	69	74	59	74	76	58	79	0
SOMERSET	3200	238	236	233	262	293	266	268	266	315	274	279	270	0
SUSSEX	2099	155	145	172	178	193	175	195	164	195	181	184	162	0
UNION	7101	610	497	587	589	591	582	624	642	629	574	559	617	0
WARREN	1375	110	106	117	119	127	101	128	117	119	102	122	107	0
STATE INST	1	1	0	0	0	0	0	0	0	0	0	0	0	0
MILITARY	190	24	10	8	18	29	5	4	7	41	26	12	6	0
TOTAL	113234	8976	8532	9238	9218	9763	9615	10018	9599	9914	9616	9221	9524	0

TABLE-21

RESIDENT BIRTHS BY PLURALITY
1987

COUNTY OF RESIDENCE	TOTAL	SINGLE	TWIN	TRIPLETS AND OTHER	UNKNOWN
ATLANTIC	3507	3454	51	1	1
BERGEN	9711	9503	180	13	15
BURLINGTON	5473	5364	106	0	3
CAMDEN	8500	8348	131	5	16
CAPE MAY	1298	1283	14	0	1
CUMBERLAND	2178	2138	40	0	0
ESSEX	13262	13002	243	12	5
GLOUCESTER	3190	3133	47	3	7
HUDSON	8750	8607	132	0	11
HUNTERDON	1446	1420	26	0	0
MERCER	4774	4676	86	10	2
MIDDLESEX	9538	9350	181	4	3
MONMOUTH	8020	7825	188	0	7
MORRIS	5616	5508	101	5	2
OCEAN	5560	5449	105	3	3
PASSAIC	7632	7490	135	6	1
SALEM	813	802	8	3	0
SOMERSET	3200	3136	60	3	1
SUSSEX	2099	2044	47	6	2
UNION	7101	6978	109	13	1
WARREN	1375	1353	20	0	2
STATE INST	1	1	0	0	0
MILITARY	190	188	2	0	0
TOTAL	113234	111052	2012	87	83

TABLE-22

RESIDENT BIRTHS -- SEX, RACE, LEGITIMACY BY PLACE OF RESIDENCE
1987

ATLANTIC COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
ABSECON CITY	153	74	79	0	141	9	3	0	132	21	0
ATLANTIC CITY	849	433	416	0	313	511	23	2	257	592	0
BRIGANTINE CITY	145	79	66	0	138	6	1	0	105	40	0
BUENA BORO	87	42	45	0	79	6	0	2	55	32	0
BUENA VISTA TWP	65	28	37	0	47	17	1	0	43	22	0
CORBIN CITY	3	1	2	0	3	0	0	0	3	0	0
EGG HARBOR CITY	128	72	56	0	107	20	0	1	90	38	0
EGG HARBOR TWP	324	173	151	0	276	42	5	1	256	67	1
ESTELL MANOR CITY	14	8	6	0	14	0	0	0	14	0	0
FOLSOM BORO	12	7	5	0	12	0	0	0	11	1	0
GALLOWAY TWP	263	141	122	0	247	10	5	1	228	35	0
HAMILTON TWP	275	134	141	0	231	38	5	1	225	50	0
HAMMONTON TOWN	237	133	104	0	226	7	3	1	175	61	1
LINWOOD CITY	80	41	39	0	78	0	2	0	79	1	0
LONGPORT BORO	6	3	3	0	6	0	0	0	4	2	0
MARGATE CITY	60	21	39	0	54	2	3	1	49	11	0
MULLICA TWP	58	33	25	0	54	3	1	0	44	13	1
NORTHFIELD CITY	114	63	51	0	114	0	0	0	102	11	1
PLEASANTVILLE CITY	315	165	150	0	136	173	6	0	147	168	0
PORT REPUBLIC CITY	8	5	3	0	8	0	0	0	6	1	1
SOMERS POINT CITY	191	102	89	0	179	7	5	0	162	29	0
VENTNOR CITY	90	50	40	0	82	4	3	1	66	24	0
WEYMOUTH TWP	30	13	17	0	27	2	0	1	26	4	0
*TOTAL ATLANTIC	3507	1821	1686	0	2572	857	66	12	2279	1223	5

TABLE-22 (CONTINUED)
1987

BERGEN COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
ALLENDALE BORO	63	38	25	0	56	0	1	6	62	0	1
ALPINE BORO	17	12	5	0	12	1	1	3	17	0	0
BERGENFIELD BORO	325	170	155	0	279	9	15	22	302	17	6
BOGOTA BORO	108	62	46	0	101	2	1	4	96	12	0
CARLSTADT BORO	79	42	37	0	70	3	3	3	76	3	0
CLIFFSIDE PARK BORO	209	107	102	0	156	5	15	33	196	11	2
CLOSTER BORO	90	57	33	0	71	1	6	12	87	2	1
CRESSKILL BORO	54	23	31	0	44	1	2	7	53	1	0
DEMAREST BORO	34	20	14	0	19	1	2	12	32	0	2
DUMONT BORO	221	116	105	0	197	4	11	9	213	6	2
EAST RUTHERFORD BORO	121	50	71	0	106	1	8	6	115	6	0
EDGEWATER BORO	76	34	42	0	55	2	3	16	67	9	0
ELMWOOD PARK BORO	231	110	121	0	218	1	7	5	222	9	0
EMERSON BORO	75	35	40	0	67	0	2	6	74	1	0
ENGLEWOOD CITY	363	185	178	0	174	125	11	53	262	99	2
ENGLEWOOD CLIFFS BORO	41	23	18	0	27	1	4	9	40	1	0
FAIR LAWN BORO	308	145	163	0	269	1	6	32	296	10	2
FAIRVIEW BORO	202	108	94	0	182	2	6	12	185	16	1
FORT LEE BORO	328	163	165	0	183	4	59	82	317	9	2
FRANKLIN LAKES BORO	80	45	35	0	70	0	1	9	79	1	0
GARFIELD CITY	407	197	210	0	396	6	2	3	355	52	0
GLEN ROCK BORO	135	70	65	0	122	0	5	8	133	1	1
HACKENSACK CITY	511	283	228	0	313	143	23	32	400	110	1
HARRINGTON PARK BORO	49	26	23	0	39	0	4	6	49	0	0
HASBROUCK HEIGHTS BORO	124	63	61	0	114	3	4	3	120	4	0
HAWORTH BORO	27	19	8	0	26	0	0	1	26	1	0
HILLSDALE BORO	106	62	44	0	97	1	2	6	103	3	0
HOHOKUS BORO	46	19	27	0	40	0	1	5	45	1	0
LEONIA BORO	96	47	49	0	77	3	2	14	89	6	1
LITTLE FERRY BORO	133	78	55	0	111	3	13	6	127	6	0
LODI BORO	324	176	148	0	285	13	20	6	293	31	0

TABLE-22 (CONTINUED)
1987

BERGEN COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
LYNDHURST TWP	201	113	88	0	192	0	6	3	189	12	0
MAHWAH TWP	166	87	79	0	153	2	3	8	154	11	1
MAYWOOD BORO	114	61	53	0	101	3	3	7	112	2	0
MIDLAND PARK BORO	99	56	43	0	96	0	2	1	97	2	0
MONTVALE BORO	80	41	39	0	72	0	0	8	80	0	0
MOONACHIE BORO	32	20	12	0	29	0	2	1	32	0	0
NEW MILFORD BORO	174	74	100	0	155	4	4	11	165	9	0
NORTH ARLINGTON BORO	172	91	81	0	163	1	6	2	162	10	0
NORTHVALE BORO	39	12	27	0	30	1	2	6	39	0	0
NORWOOD BORO	47	26	21	0	39	0	3	5	46	0	1
OAKLAND BORO	147	75	72	0	141	0	2	4	143	4	0
OLD TAPPAN BORO	47	16	31	0	40	0	2	5	47	0	0
ORADELL BORO	72	45	27	0	60	0	1	11	69	2	1
PALISADES PARK BORO	215	110	105	0	160	5	27	23	193	22	0
PARAMUS BORO	194	117	77	0	159	0	20	15	184	9	1
PARK RIDGE BORO	95	54	41	0	85	0	5	5	85	9	1
RAMSEY BORO	153	77	76	0	139	3	1	10	144	9	0
RIDGEFIELD BORO	137	87	50	0	106	2	10	19	128	8	1
RIDGEFIELD PARK TWP	104	52	52	0	92	3	2	7	98	6	0
RIDGEWOOD VIL	235	127	108	0	210	8	5	12	229	6	0
RIVER EDGE BORO	103	54	49	0	85	3	8	7	102	1	0
RIVER VALE TWP	106	52	54	0	94	0	2	10	103	3	0
ROCHELLE PARK TWP	107	52	55	0	99	0	2	6	99	8	0
ROCKLEIGH BORO	2	1	1	0	0	0	0	2	2	0	0
RUTHERFORD BORO	185	85	100	0	162	3	12	8	180	4	1
SADDLE BROOK TWP	154	70	84	0	149	1	3	1	149	5	0
SADDLE RIVER BORO	21	10	11	0	17	0	0	4	20	1	0
SOUTH HACKENSACK TWP	30	19	11	0	23	2	3	2	25	5	0
TEANECK TWP	523	271	252	0	312	89	25	97	470	45	8
TENAFLY BORO	97	54	43	0	67	1	7	22	94	2	1
TETERBORO BORO	3	1	2	0	2	0	1	0	3	0	0

TABLE-22 (CONTINUED)
1987

BERGEN COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
UPPER SADDLE RIVER BORO	58	28	30	0	48	0	2	8	56	1	1
WALDWICK BORO	136	69	67	0	128	1	5	2	128	8	0
WALLINGTON BORO	147	74	73	0	132	6	6	3	132	15	0
WASHINGTON TWP	97	52	45	0	90	1	1	5	95	2	0
WESTWOOD BORO	137	68	69	0	117	8	3	9	128	9	0
WOOD-RIDGE BORO	77	36	41	0	73	2	0	2	76	1	0
WOODCLIFF LAKE BORO	53	26	27	0	47	0	1	5	51	1	1
WYCKOFF TWP	169	83	86	0	159	0	3	7	165	4	0
*TOTAL BERGEN	9711	5031	4680	0	8002	485	430	794	9005	664	42

TABLE-22 (CONTINUED)
1987

BURLINGTON COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BASS RIVER TWP	28	16	12	0	26	0	2	0	24	4	0
BEVERLY CITY	84	44	40	0	64	16	4	0	63	21	0
BORDENTOWN CITY	35	16	19	0	31	4	0	0	29	6	0
BORDENTOWN TWP	140	70	70	0	122	16	1	1	114	26	0
BURLINGTON CITY	218	106	112	0	153	64	1	0	148	70	0
BURLINGTON TWP	163	88	75	0	124	35	3	1	112	51	0
CHESTERFIELD TWP	33	23	10	0	32	1	0	0	32	1	0
CINNAMINSON TWP	127	71	56	0	117	8	2	0	109	18	0
DELANCO TWP	57	32	25	0	55	1	0	1	49	7	1
DELRAN TWP	141	61	80	0	124	14	2	1	126	15	0
EASTAMPTON TWP	59	25	34	0	55	4	0	0	53	6	0
EDGEWATER PARK TWP	103	54	49	0	79	20	4	0	78	25	0
EVESHAM TWP	514	253	261	0	486	12	10	6	495	18	1
FIELDSBORO BORO	4	2	2	0	2	2	0	0	2	2	0
FLORENCE TWP	156	75	81	0	146	9	1	0	131	25	0
HAINESPORT TWP	35	16	19	0	32	2	0	1	26	9	0
LUMBERTON TWP	57	33	24	0	44	9	4	0	45	12	0
MANSFIELD TWP	31	18	13	0	31	0	0	0	29	2	0
MAPLE SHADE TWP	275	142	133	0	241	21	11	2	220	55	0
MEDFORD LAKES BORO	47	28	19	0	45	0	2	0	44	3	0
MEDFORD TWP	246	131	115	0	243	0	2	1	230	16	0
MOORESTOWN TWP	168	87	81	0	154	12	1	1	155	12	1
MOUNT HOLLY TWP	306	172	134	0	257	45	2	2	212	94	0
MOUNT LAUREL TWP	345	187	158	0	313	26	5	1	324	21	0
NEW HANOVE TWP	215	108	107	0	131	78	6	0	193	22	0
NORTH HANOVER TWP	119	67	52	0	89	29	1	0	106	13	0
PALMYRA BORO	116	59	57	0	104	9	2	1	99	17	0
PEMBERTON BORO	26	13	13	0	20	6	0	0	13	13	0
PEMBERTON TWP	529	266	263	0	400	112	17	0	355	173	1
RIVERSIDE TWP	127	60	67	0	122	4	0	1	113	14	0
RIVERTON BORO	27	15	12	0	26	0	1	0	24	3	0

TABLE-22 (CONTINUED)
1987

BURLINGTON COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
SHAMONG TWP	52	20	32	0	51	1	0	0	50	2	0
SOUTHAMPTON TWP	121	70	51	0	120	0	1	0	106	15	0
SPRINGFIELD TWP	31	16	15	0	30	1	0	0	28	3	0
TABERNACLE TWP	65	31	34	0	63	0	1	1	60	5	0
WASHINGTON TWP	13	6	7	0	13	0	0	0	12	1	0
WESTAMPTON TWP	100	52	48	0	91	9	0	0	85	15	0
WILLINGBORO TWP	513	267	246	0	211	287	7	8	333	179	1
WOODLAND TWP	12	8	4	0	11	1	0	0	11	1	0
WRIGHTSTOWN BORO	35	19	16	0	23	10	2	0	27	8	0
*TOTAL BURLINGTON	5473	2827	2646	0	4481	868	95	29	4465	1003	5

TABLE-22 (CONTINUED)
1987

CAMDEN COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
AUDUBON BORO	119	59	60	0	118	0	1	0	115	4	0
AUDUBON PARK BORO	10	4	6	0	10	0	0	0	8	2	0
BARRINGTON BORO	83	47	36	0	81	1	0	1	68	15	0
BELLMAWR BORO	161	66	95	0	159	1	0	1	122	39	0
BERLIN BORO	187	109	78	0	170	13	4	0	146	41	0
BERLIN TWP	59	30	29	0	52	4	1	2	48	11	0
BROOKLAWN BORO	17	13	4	0	16	1	0	0	12	5	0
CAMDEN CITY	2360	1224	1136	0	984	1335	29	12	651	1708	1
CHERRY HILL TWP	796	394	402	0	731	18	31	16	747	44	5
CHESILHURST BORO	19	12	7	0	5	14	0	0	12	7	0
CLEMENTON BORO	181	97	84	0	163	13	2	3	143	38	0
COLLINGSWOOD BORO	224	108	116	0	215	7	1	1	187	36	1
GIBBSBORO BORO	42	22	20	0	40	2	0	0	38	4	0
GLOUCESTER CITY	212	115	97	0	209	3	0	0	152	59	1
GLOUCESTER TWP	619	317	302	0	586	26	3	4	524	94	1
HADDON HEIGHTS BORO	109	56	53	0	106	1	0	2	97	11	1
HADDON TWP	225	123	102	0	223	1	0	1	208	15	2
HADDONFIELD BORO	107	52	55	0	105	1	1	0	106	1	0
HI-NELLA BORO	24	8	16	0	22	2	0	0	16	8	0
LAUREL SPRINGS BORO	85	43	42	0	83	1	1	0	70	14	1
LAWNSIDE BORO	33	10	23	0	3	30	0	0	14	19	0
LINDENWOLD BORO	389	205	184	0	305	74	6	4	302	87	0
MAGNOLIA BORO	90	47	43	0	75	14	1	0	66	24	0
MERCHANTVILLE BORO	55	24	31	0	53	1	1	0	50	5	0
MOUNT EPHRAIM BORO	51	29	22	0	49	1	1	0	39	12	0
OAKLYN BORO	81	43	38	0	80	0	1	0	72	8	1
PENNSAUKEN TWP	542	278	264	0	456	78	6	2	429	111	2
PINE HILL BORO	176	100	76	0	162	14	0	0	140	36	0
RUNNEMEDE BORO	118	69	49	0	112	5	1	0	96	22	0
SOMERDALE BORO	118	48	70	0	103	13	2	0	94	24	0
STRATFORD BORO	129	66	63	0	112	15	2	0	106	23	0

TABLE-22 (CONTINUED)
1987

CAMDEN COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
VOORHEES TWP	345	172	173	0	322	15	6	2	327	17	1
WATERFORD TWP	191	89	102	0	174	16	0	1	161	30	0
WINSLOW TWP	493	230	263	0	399	91	1	2	423	70	0
WOOD-LYNNE BORO	50	17	33	0	48	2	0	0	30	20	0
*TOTAL CAMDEN	8500	4326	4174	0	6531	1813	102	54	5819	2664	17

TABLE-22 (CONTINUED)
1987

CAPE MAY COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
AVALON BORO	20	9	11	0	20	0	0	0	18	2	0
CAPE MAY CITY	74	31	43	0	62	11	1	0	61	13	0
CAPE MAY POINT BORO	5	0	5	0	5	0	0	0	4	1	0
DENNIS TWP	85	36	49	0	83	1	1	0	77	8	0
LOWER TWP	285	145	140	0	281	2	2	0	224	61	0
MIDDLE TWP	201	96	105	0	180	21	0	0	163	38	0
NORTH WILDWOOD CITY	70	32	38	0	69	1	0	0	53	17	0
OCEAN CITY	171	84	87	0	161	10	0	0	149	22	0
SEA ISLE CITY	38	23	15	0	38	0	0	0	35	2	1
STONE HARBOR BORO	10	5	5	0	9	1	0	0	8	2	0
UPPER TWP	139	78	61	0	138	1	0	0	126	13	0
WEST CAPE MAY BORO	16	10	6	0	15	1	0	0	12	3	1
WEST WILDWOOD BORO	3	3	0	0	3	0	0	0	2	1	0
WILDWOOD CITY	103	46	57	0	77	26	0	0	55	48	0
WILDWOOD CREST BORO	30	10	20	0	30	0	0	0	23	7	0
WOODBINE BORO	48	19	29	0	30	18	0	0	21	27	0
*TOTAL CAPE MAY	1298	627	671	0	1201	93	4	0	1031	265	2

TABLE-22 (CONTINUED)
1987

CUMBERLAND COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BRIDGETON CITY	453	237	216	0	238	206	5	4	196	257	0
COMMERCIAL TWP	74	31	43	0	48	26	0	0	37	37	0
DEERFIELD TWP	33	21	12	0	28	5	0	0	23	10	0
DOWNE TWP	21	10	11	0	16	5	0	0	12	9	0
FAIRFIELD TWP	77	38	39	0	31	45	0	1	32	45	0
GREENWICH TWP	6	2	4	0	4	1	1	0	4	1	1
HOPEWELL TWP	32	19	13	0	28	4	0	0	25	7	0
LAWRENCE TWP	36	14	22	0	24	10	2	0	22	14	0
MAURICE RIVER TWP	44	24	20	0	44	0	0	0	31	13	0
MILLVILLE CITY	454	234	220	0	383	64	5	2	277	177	0
SHILOH BORO	11	4	7	0	10	0	1	0	9	2	0
STOW CREEK TWP	11	4	7	0	10	1	0	0	10	1	0
UPPER DEERFIELD TWP	95	55	40	0	76	17	1	1	68	27	0
VINELAND CITY	831	416	415	0	704	108	6	13	491	340	0
*TOTAL CUMBERLAND	2178	1109	1069	0	1644	492	21	21	1237	940	1

TABLE-22 (CONTINUED)
1987

ESSEX COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BELLEVILLE TOWN	444	244	200	0	391	23	20	10	391	53	0
BLOOMFIELD TOWN	573	312	261	0	511	39	9	14	517	55	1
CALDWELL BORO	101	56	45	0	100	1	0	0	98	2	1
CEDAR GROVE TWP	141	68	73	0	129	2	9	1	138	3	0
EAST ORANGE CITY	1533	777	756	0	111	1404	5	13	618	913	2
ESSEX FELLS BORO	20	12	8	0	19	1	0	0	18	2	0
FAIRFIELD BORO	58	33	25	0	58	0	0	0	56	2	0
GLEN RIDGE BORO	107	47	60	0	96	3	0	8	105	2	0
IRVINGTON TOWN	1114	592	522	0	280	810	7	17	543	568	3
LIVINGSTON TWP	241	112	129	0	216	4	15	6	239	2	0
MAPLEWOOD TWP	320	175	145	0	256	30	9	25	301	19	0
MILLBURN TWP	168	91	77	0	153	1	4	10	164	3	1
MONTCLAIR TOWN	503	279	224	0	290	154	11	48	401	99	3
NEWARK CITY	6014	3048	2966	0	2211	3711	46	46	2224	3788	2
NORTH CALDWELL BORO	47	24	23	0	41	0	2	4	46	0	1
NUTLEY TOWN	314	167	147	0	287	5	8	14	290	23	1
ORANGE CITY	614	330	284	0	134	460	9	11	332	282	0
ROSELAND BORO	42	21	21	0	40	0	1	1	40	2	0
SOUTH ORANGE VIL	141	70	71	0	102	26	3	10	134	5	2
VERONA BORO	167	85	82	0	150	4	6	7	158	9	0
WEST CALDWELL BORO	141	71	70	0	133	1	4	3	136	4	1
WEST ORANGE TOWN	459	256	203	0	396	24	20	19	433	26	0
*TOTAL ESSEX	13262	6870	6392	0	6104	6703	188	267	7382	5862	18

TABLE-22 (CONTINUED)
1987

GLOUCESTER COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
CLAYTON BORO	100	50	50	0	83	17	0	0	72	28	0
DEPTFORD TWP	243	132	110	1	223	20	0	0	193	50	0
EAST GREENWICH TWP	66	32	34	0	64	1	0	1	60	6	0
ELK TWP	47	18	29	0	41	6	0	0	40	7	0
FRANKLIN TWP	175	93	82	0	162	12	0	1	137	38	0
GLASSBORO BORO	218	118	100	0	148	66	3	1	133	85	0
GREENWICH TWP	68	38	30	0	64	3	1	0	60	8	0
HARRISON TWP	76	41	35	0	69	5	0	2	64	12	0
LOGAN TWP	38	21	17	0	34	3	1	0	37	1	0
MANTUA TWP	238	117	121	0	225	12	1	0	214	24	0
MONROE TWP	408	219	189	0	344	60	2	2	318	89	1
NATIONAL PARK BORO	46	25	21	0	45	0	1	0	39	7	0
NEWFIELD BORO	78	36	42	0	64	14	0	0	62	16	0
PAULSBORO BORO	116	63	53	0	84	32	0	0	61	55	0
PITMAN BORO	125	62	62	1	124	0	1	0	107	18	0
SOUTH HARRISON TWP	15	7	8	0	15	0	0	0	15	0	0
SWEDESBORO BORO	81	44	37	0	60	13	4	4	74	7	0
WASHINGTON TWP	389	213	176	0	376	7	3	3	356	31	2
WENONAH BORO	66	29	37	0	61	3	0	2	57	9	0
WEST DEPTFORD TWP	207	116	91	0	189	17	1	0	183	24	0
WESTVILLE BORO	111	53	58	0	101	10	0	0	76	35	0
WOODBURY CITY	213	113	100	0	180	32	0	1	153	60	0
WOODBURY HEIGHTS BORO	51	30	21	0	44	7	0	0	43	8	0
WOOLWICH TWP	15	7	8	0	13	2	0	0	13	2	0
*TOTAL GLOUCESTER	3190	1677	1511	2	2813	342	18	17	2567	620	3

TABLE-22 (CONTINUED)
1987

HUDSON COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BAYONNE CITY	697	361	336	0	605	56	13	23	568	128	1
EAST NEWARK BORO	36	24	12	0	35	1	0	0	30	6	0
GUTTENBERG TOWN	142	70	72	0	105	2	4	31	120	22	0
HARRISON TOWN	191	98	93	0	176	3	7	5	162	29	0
HOBOKEN CITY	458	232	226	0	307	88	15	48	310	144	4
JERSEY CITY	4266	2166	2100	0	2244	1612	241	169	2372	1880	14
KEARNY TOWN	470	250	220	0	443	6	13	8	398	71	1
NORTH BERGEN TWP	646	327	319	0	567	18	27	34	555	90	1
SECAUCUS TOWN	164	85	79	0	142	1	5	16	147	15	2
UNION CITY	938	447	491	0	825	59	12	42	661	273	4
WEEHAWKEN TWP	178	90	88	0	140	13	7	18	125	51	2
WEST NEW YORK TOWN	564	296	268	0	489	40	12	23	439	124	1
*TOTAL HUDSON	8750	4446	4304	0	6078	1899	356	417	5887	2833	30

TABLE-22 (CONTINUED)
1987

HUNTERDON COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
ALEXANDRIA TWP	55	29	26	0	55	0	0	0	51	4	0
BETHELEM TWP	41	23	18	0	41	0	0	0	39	2	0
BLOOMSBURY BORO	13	10	3	0	13	0	0	0	11	2	0
CALIFON BORO	24	11	13	0	24	0	0	0	23	1	0
CLINTON TOWN	32	17	15	0	27	3	1	1	28	4	0
CLINTON TWP	112	60	52	0	102	5	2	3	104	8	0
DELAWARE TWP	44	24	20	0	43	0	1	0	43	1	0
EAST AMWELL TWP	66	36	30	0	66	0	0	0	64	2	0
FLEMINGTON BORO	101	55	46	0	94	2	4	1	94	7	0
FRANKLIN TWP	39	17	22	0	39	0	0	0	38	1	0
FRENCHTOWN BORO	27	13	14	0	27	0	0	0	23	4	0
GLEN GARDNER BORO	28	13	15	0	28	0	0	0	25	3	0
HAMPTON BORO	25	12	13	0	23	2	0	0	25	0	0
HIGH BRIDGE BORO	73	33	40	0	73	0	0	0	73	0	0
HOLLAND TWP	53	26	27	0	53	0	0	0	53	0	0
KINGWOOD TWP	50	25	25	0	50	0	0	0	46	4	0
LAMBERTVILLE CITY	54	23	31	0	52	1	0	1	50	4	0
LEBANON BORO	14	8	6	0	14	0	0	0	12	2	0
LEBANON TWP	102	53	49	0	101	0	0	1	91	11	0
MILFORD BORO	19	14	5	0	19	0	0	0	17	2	0
RARITAN TWP	204	105	99	0	197	2	5	0	195	9	0
READINGTON TWP	150	71	79	0	145	0	3	2	140	9	1
STOCKTON BORO	12	5	7	0	12	0	0	0	12	0	0
TEWKSBURY TWP	45	26	19	0	42	1	1	1	45	0	0
UNION TWP	38	16	22	0	36	2	0	0	34	4	0
WEST AMWELL TWP	25	12	13	0	24	1	0	0	23	2	0
*TOTAL HUNTERDON	1446	737	709	0	1400	19	17	10	1359	86	1

TABLE-22 (CONTINUED)
1987

MERCER COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
EAST WINDSOR TWP	220	124	96	0	198	14	5	3	208	12	0
EWING TWP	395	204	191	0	322	64	7	2	324	70	1
HAMILTON TWP	1078	556	522	0	975	84	16	3	938	140	0
HIGHTSTOWN BORO	95	48	47	0	83	9	2	1	79	16	0
HOPEWELL BORO	21	7	14	0	21	0	0	0	20	1	0
HOPEWELL TWP	124	66	58	0	122	0	2	0	119	5	0
LAWRENCE TWP	280	146	134	0	252	20	5	3	257	23	0
PENNINGTON BORO	27	14	13	0	26	1	0	0	26	1	0
PRINCETON BORO	130	78	52	0	104	17	4	5	117	13	0
PRINCETON TWP	119	56	63	0	101	11	5	2	110	9	0
TRENTON CITY	2078	1049	1029	0	876	1173	23	6	806	1271	1
WASHINGTON TWP	83	45	38	0	81	1	0	1	80	3	0
WEST WINDSOR TWP	124	65	59	0	113	2	6	3	119	5	0
*TOTAL MERCER	4774	2458	2316	0	3274	1396	75	29	3203	1569	2

TABLE-22 (CONTINUED)
1987

MIDDLESEX COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
CARTERET BORO	270	133	137	0	235	28	6	1	208	62	0
CRANBURY TWP	65	37	28	0	52	8	1	4	56	9	0
DUNELLEN BORO	109	49	60	0	104	4	1	0	95	14	0
EAST BRUNSWICK TWP	548	279	269	0	469	26	23	30	521	25	2
EDISON TWP	1376	711	665	0	1125	91	108	52	1271	101	4
HELMETTA BORO	19	11	8	0	19	0	0	0	18	1	0
HIGHLAND PARK BORO	205	105	100	0	168	29	6	2	190	14	1
JAMESBURG BORO	138	68	70	0	122	13	1	2	113	25	0
METUCHEN BORO	190	100	90	0	169	11	4	6	172	18	0
MIDDLESEX BORO	196	105	91	0	184	6	3	3	181	15	0
MILLTOWN BORO	113	55	58	0	112	0	1	0	108	5	0
MONROE TWP	173	78	95	0	165	4	3	1	158	15	0
NEW BRUNSWICK CITY	623	314	309	0	320	292	5	6	329	293	1
NORTH BRUNSWICK TWP	372	192	180	0	304	50	12	6	329	42	1
OLD BRIDGE TWP	684	360	324	0	598	18	24	44	636	48	0
PERTH AMBOY CITY	835	429	406	0	750	77	3	5	534	301	0
PISCATAWAY TWP	639	303	336	0	448	109	64	18	576	61	2
PLAINSBORO TWP	208	107	101	0	170	26	8	4	194	14	0
SAYREVILLE BORO	491	253	238	0	439	20	12	20	453	35	3
SOUTH AMBOY CITY	219	118	101	0	207	5	2	5	187	32	0
SOUTH BRUNSWICK TWP	365	194	171	0	320	25	13	7	341	23	1
SOUTH PLAINFIELD BORO	300	152	148	0	264	22	13	1	278	22	0
SOUTH RIVER BORO	206	98	108	0	185	17	2	2	178	28	0
SPOTSWOOD BORO	74	41	33	0	68	1	2	3	65	9	0
WOODBRIDGE TWP	1120	575	545	0	987	54	36	43	1034	84	2
*TOTAL MIDDLESEX	9538	4867	4671	0	7984	936	353	265	8225	1296	17

TABLE-22 (CONTINUED)
1987

MONMOUTH COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
ABERDEEN TWP	227	120	107	0	178	25	10	14	188	37	2
ALLENHURST BORO	17	13	4	0	17	0	0	0	17	0	0
ALLENTOWN BORO	31	17	14	0	27	3	0	1	27	4	0
ASBURY PARK CITY	400	201	199	0	125	269	6	0	173	227	0
ATLANTIC HIGHLANDS BORO	131	72	59	0	118	10	1	2	111	20	0
AVON-BY-THE-SEA BORO	30	18	12	0	30	0	0	0	28	2	0
BELMAR BORO	81	44	37	0	71	9	1	0	55	25	1
BRADLEY BEACH BORO	83	46	37	0	76	6	0	1	68	15	0
BRIELLE BORO	38	27	11	0	36	2	0	0	32	6	0
COLTS NECK TOWNSHIP	83	40	43	0	75	2	1	5	77	6	0
DEAL BORO	31	14	17	0	21	0	0	10	30	1	0
EATONTOWN BORO	318	172	146	0	241	50	23	4	285	33	0
ENGLISHTOWN BORO	59	30	29	0	51	2	1	5	52	7	0
FAIR HAVEN BORO	75	31	44	0	72	2	0	1	69	6	0
FARMINGDALE BORO	54	24	30	0	51	3	0	0	48	6	0
FREEHOLD BORO	169	92	77	0	135	26	3	5	124	45	0
FREEHOLD TWP	303	154	149	0	262	22	6	13	268	34	1
HAZLET TWP	250	116	134	0	237	2	6	5	233	16	1
HIGHLANDS BORO	88	43	45	0	88	0	0	0	71	17	0
HOLMDEL TWP	83	41	42	0	70	1	4	8	78	5	0
HOWELL TWP	620	324	296	0	561	17	18	24	590	29	1
INTERLAKEN BORO	4	3	1	0	4	0	0	0	3	1	0
KEANSBURG BORO	225	120	105	0	216	3	0	6	172	53	0
KEYPORT BORO	153	75	78	0	135	13	1	4	131	21	1
LITTLE SILVER BORO	54	23	31	0	52	0	0	2	54	0	0
LOCH ARBOUR VILLAGE	1	1	0	0	1	0	0	0	1	0	0
LONG BRANCH CITY	553	287	266	0	408	134	9	2	382	171	0
MANALAPAN TWP	250	125	125	0	218	7	11	14	237	13	0
MANASQUAN BORO	126	70	56	0	100	2	1	23	117	7	2
MARLBORO TWP	321	156	165	0	269	1	13	38	312	9	0
MATAWAN BORO	234	117	117	0	192	22	5	15	210	22	2

TABLE-22 (CONTINUED)
1987

MONMOUTH COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
MIDDLETOWN TWP	786	395	391	0	723	16	21	26	730	54	2
MILLSTONE TWP	52	24	28	0	50	0	1	1	50	2	0
MONMOUTH BEACH BORO	39	19	20	0	36	0	1	2	37	2	0
NEPTUNE CITY BORO	105	55	50	0	81	19	5	0	89	16	0
NEPTUNE TWP	434	234	200	0	264	164	5	1	287	147	0
OCEAN TWP	320	160	160	0	268	33	15	4	294	25	1
OCEANPORT BORO	91	48	43	0	82	6	2	1	85	5	1
RED BANK BORO	227	127	100	0	154	67	2	4	155	71	1
ROOSEVELT BORO	14	7	7	0	13	0	0	1	14	0	0
RUMSON BORO	74	43	31	0	69	1	2	2	72	2	0
SEA BRIGHT BORO	19	13	6	0	18	0	1	0	15	4	0
SEA GIRT BORO	19	10	9	0	19	0	0	0	18	1	0
SHREWSBURY BORO	40	19	21	0	36	1	2	1	37	3	0
SHREWSBURY TWP	21	11	10	0	19	1	1	0	19	2	0
SOUTH BELMAR BORO	21	12	9	0	18	3	0	0	16	5	0
SPRING LAKE BORO	25	11	14	0	24	0	0	1	21	4	0
SPRING LAKE HEIGHTS BORO	49	25	24	0	48	1	0	0	48	1	0
TINTON FALLS BORO	140	75	65	0	110	27	1	2	127	12	1
UNION BEACH BORO	112	53	59	0	108	1	0	3	95	17	0
UPPER FREEHOLD TWP	47	26	21	0	46	1	0	0	41	6	0
WALL TWP	231	124	107	0	228	1	0	2	213	17	1
WEST LONG BRANCH BORO	62	28	34	0	59	1	1	1	60	2	0
*TOTAL MONMOUTH	8020	4135	3885	0	6610	976	180	254	6766	1236	18

TABLE-22 (CONTINUED)
1987

MORRIS COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BOONTON TOWN	153	78	75	0	140	7	5	1	141	11	1
BOONTON TWP	34	18	16	0	32	0	2	0	31	3	0
BUTLER BORO	104	50	54	0	101	3	0	0	95	9	0
CHATHAM BORO	147	69	78	0	136	1	6	4	146	1	0
CHATHAM TWP	70	37	33	0	61	1	2	6	69	1	0
CHESTER BORO	33	15	18	0	31	2	0	0	29	3	1
CHESTER TWP	49	28	21	0	43	1	1	4	47	2	0
DENVILLE TWP	189	92	97	0	180	0	4	5	176	13	0
DOVER TOWN	297	152	145	0	282	12	2	1	238	59	0
EAST HANOVER TWP	92	40	52	0	85	2	2	3	89	3	0
FLORHAM PARK BORO	85	48	37	0	81	1	0	3	84	1	0
HANOVER TWP	135	75	60	0	123	2	8	2	129	6	0
HARDING TWP	27	15	12	0	27	0	0	0	26	1	0
JEFFERSON TWP	255	131	124	0	250	0	5	0	241	14	0
KINNELON BORO	93	44	49	0	89	0	1	3	91	1	1
LINCOLN PARK BORO	173	92	81	0	166	1	2	4	164	9	0
MADISON BORO	183	86	97	0	168	9	3	3	174	9	0
MENDHAM BORO	43	22	21	0	42	0	0	1	41	2	0
MENDHAM TWP	49	21	28	0	48	0	0	1	48	1	0
MINE HILL TWP	44	17	27	0	42	1	1	0	44	0	0
MONTVILLE TWP	157	78	79	0	147	1	1	8	149	5	3
MORRIS PLAINS BORO	94	41	53	0	85	1	6	2	89	4	1
MORRIS TWP	141	66	75	0	124	8	3	6	132	9	0
MORRISTOWN TOWN	377	211	166	0	277	75	6	19	278	98	1
MOUNT ARLINGTON BORO	39	16	23	0	37	0	1	1	38	1	0
MOUNT OLIVE TWP	355	174	181	0	336	8	7	4	332	23	0
MOUNTAIN LAKES BORO	45	24	21	0	44	0	0	1	44	1	0
NETCONG BORO	65	30	35	0	65	0	0	0	55	10	0
PARSIPPANY-TROY HILLS TWP	577	296	281	0	507	26	39	5	534	42	1
PASSAIC TWP	106	49	57	0	100	1	1	4	102	4	0
PEQUANNOCK TWP	136	62	74	0	134	1	1	0	128	7	1

TABLE-22 (CONTINUED)
1987

MORRIS COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
RANDOLPH TWP	272	146	126	0	248	8	9	7	258	13	1
RIVERDALE BORO	40	19	21	0	39	0	0	1	37	3	0
ROCKAWAY BORO	58	33	25	0	54	3	1	0	53	5	0
ROCKAWAY TWP	324	177	147	0	311	1	5	7	307	17	0
ROXBURY TWP	301	150	151	0	290	2	7	2	281	20	0
VICTORY GARDENS BORO	3	1	2	0	3	0	0	0	2	1	0
WASHINGTON TWP	189	94	94	1	181	3	3	2	186	3	0
WHARTON BORO	82	37	45	0	78	3	0	1	70	12	0
*TOTAL MORRIS	5616	2834	2781	1	5187	184	134	111	5178	427	11

TABLE-22 (CONTINUED)
1987

OCEAN COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BARNEGAT LIGHT BORO	3	3	0	0	2	1	0	0	3	0	0
BARNEGAT TWP	171	90	81	0	171	0	0	0	159	12	0
BAY HEAD BORO	10	4	6	0	9	0	0	1	8	2	0
BEACH HAVEN BORO	11	8	3	0	10	0	0	1	9	2	0
BEACHWOOD BORO	155	80	75	0	152	1	1	1	133	22	0
BERKELEY TWP	209	117	92	0	205	2	1	1	173	36	0
BRICK TWP	892	453	439	0	871	6	8	7	815	76	1
DOVER TWP	978	496	482	0	956	12	4	6	854	124	0
EAGLESWOOD TWP	20	10	10	0	20	0	0	0	17	3	0
HARVEY CEDARS BORO	7	3	4	0	7	0	0	0	6	1	0
ISLAND HEIGHTS BORO	14	8	6	0	14	0	0	0	13	1	0
JACKSON TWP	476	242	234	0	454	8	3	11	426	49	1
LACEY TWP	257	129	128	0	255	0	1	1	239	18	0
LAKEHURST BORO	57	26	31	0	40	16	1	0	36	21	0
LAKEWOOD TWP	1024	540	484	0	763	145	10	106	822	197	5
LAVALLETTE BORO	32	17	15	0	31	1	0	0	30	2	0
LITTLE EGG HARBOR TWP	156	74	82	0	155	0	1	0	136	20	0
LONG BEACH TWP	25	11	14	0	25	0	0	0	23	2	0
MANCHESTER TWP	177	91	86	0	154	22	1	0	157	20	0
MANTOLOKING BORO	3	2	1	0	3	0	0	0	3	0	0
OCEAN GATE BORO	27	13	14	0	27	0	0	0	24	3	0
OCEAN TWP	69	34	35	0	67	0	1	1	62	7	0
PINE BEACH BORO	20	10	10	0	18	1	0	1	16	4	0
PLUMSTED TWP	97	48	49	0	93	3	1	0	86	11	0
POINT PLEASANT BEACH BORO	19	7	12	0	17	0	0	2	19	0	0
POINT PLEASANT BORO	260	121	139	0	259	0	1	0	219	41	0
SEASIDE HEIGHTS BORO	59	35	24	0	59	0	0	0	38	21	0
SEASIDE PARK BORO	21	14	7	0	21	0	0	0	16	5	0
SHIP BOTTOM BORO	16	7	9	0	16	0	0	0	13	3	0
SOUTH TOMS RIVER BORO	59	20	39	0	39	20	0	0	34	25	0
STAFFORD TWP	155	71	84	0	151	1	0	3	125	30	0
SURF CITY BORO	10	3	7	0	10	0	0	0	10	0	0
TUCKERTON BORO	71	37	34	0	69	2	0	0	60	11	0
*TOTAL OCEAN	5560	2824	2736	0	5143	241	34	142	4784	769	7

TABLE-22 (CONTINUED)
1987

PASSAIC COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BLOOMINGDALE BORO	95	42	53	0	94	0	0	1	85	10	0
CLIFTON CITY	808	415	393	0	758	17	27	6	749	57	2
HALEDON BORO	97	43	54	0	89	3	4	1	87	10	0
HAWTHORNE BORO	241	121	120	0	231	1	4	5	234	7	0
LITTLE FALLS TWP	114	58	56	0	112	0	1	1	107	7	0
NORTH HALEDON BORO	64	31	33	0	63	0	1	0	62	2	0
PASSAIC CITY	1306	677	629	0	890	351	38	27	802	501	3
PATERSON CITY	3228	1673	1555	0	1984	1141	88	15	1645	1579	4
POMPTON LAKES BORO	126	63	63	0	123	0	2	1	124	1	1
PROSPECT PARK BORO	88	51	37	0	79	5	3	1	79	9	0
RINGWOOD BORO	182	95	87	0	166	9	4	3	165	16	1
TOTOWA BORO	93	41	52	0	91	2	0	0	89	4	0
WANAQUE BORO	144	71	73	0	140	3	1	0	133	10	1
WAYNE TWP	512	248	264	0	482	3	17	10	487	24	1
WEST MILFORD TWP	387	192	195	0	373	3	3	8	356	27	4
WEST PATERSON BORO	147	76	71	0	141	2	3	1	138	9	0
*TOTAL PASSAIC	7632	3897	3735	0	5816	1540	196	80	5342	2273	17

TABLE-22 (CONTINUED)
1987

SALEM COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
ALLOWAY TWP	31	17	14	0	21	7	1	2	26	5	0
CARNEYS POINT TWP	111	63	48	0	86	19	0	6	86	25	0
ELMER BORO	38	14	24	0	37	1	0	0	31	7	0
ELSINBORO TWP	4	0	4	0	4	0	0	0	3	1	0
LOWER ALLOWAY CREEK TWP	9	3	6	0	8	1	0	0	8	1	0
MANNINGTON TWP	12	8	4	0	5	7	0	0	4	8	0
OLDMANS TWP	24	16	8	0	20	3	0	1	18	6	0
PENNS GROVE BORO	84	38	46	0	45	39	0	0	39	45	0
PENNSVILLE TWP	165	87	78	0	144	13	2	6	119	46	0
PILESGROVE TWP	19	10	9	0	10	8	1	0	12	7	0
PITTSGROVE TWP	53	25	28	0	45	8	0	0	40	13	0
QUINTON TWP	20	9	11	0	16	4	0	0	12	8	0
SALEM CITY	155	70	85	0	76	74	0	5	71	83	1
UPPER PITTSGROVE TWP	32	17	15	0	30	0	0	2	27	5	0
WOODSTOWN BORO	56	31	25	0	43	9	0	4	45	11	0
*TOTAL SALEM	813	408	405	0	590	193	4	26	541	271	1

TABLE-22 (CONTINUED)
1987

SOMERSET COUNTY

		SEX			RACE				LEGITIMACY		
PLACE OF RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BEDMINSTER TWP	75	39	36	0	72	1	1	1	74	1	0
BERNARDS TWP	218	112	106	0	202	1	4	11	212	4	2
BERNARDSVILLE BORO	46	22	24	0	43	1	1	1	43	2	1
BOUND BROOK BORO	147	76	71	0	139	2	6	0	123	24	0
BRANCHBURG TWP	123	62	61	0	114	1	4	4	118	5	0
BRIDGEWATER TWP	326	177	149	0	304	3	15	4	308	18	0
FAR HILLS BORO	13	8	5	0	13	0	0	0	11	2	0
FRANKLIN TWP	562	276	286	0	383	149	27	3	466	95	1
GREEN BROOK TWP	55	17	38	0	53	0	2	0	53	2	0
HILLSBOROUGH TWP	412	209	203	0	387	8	15	2	402	10	0
MANVILLE BORO	142	82	60	0	140	0	2	0	123	19	0
MILLSTONE BORO	5	1	4	0	5	0	0	0	5	0	0
MONTGOMERY TWP	145	77	68	0	139	1	3	2	141	4	0
NORTH PLAINFIELD BORO	320	166	154	0	299	12	6	3	292	28	0
PEAPACK-GLADSTONE BORO	22	13	9	0	21	0	0	1	20	2	0
RARITAN BORO	51	32	19	0	48	1	1	1	41	10	0
ROCKY HILL BORO	10	5	5	0	10	0	0	0	10	0	0
SOMERVILLE BORO	293	150	143	0	250	32	7	4	255	38	0
SOUTH BOUND BROOK BORO	79	40	39	0	72	6	1	0	63	16	0
WARREN TWP	121	59	62	0	116	0	3	2	118	3	0
WATCHUNG BORO	35	21	14	0	33	0	1	1	34	1	0
*TOTAL SOMERSET	3200	1644	1556	0	2843	218	99	40	2912	284	4

TABLE-22 (CONTINUED)
1987

SUSSEX COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
ANDOVER BORO	13	8	5	0	13	0	0	0	11	2	0
ANDOVER TWP	95	50	45	0	95	0	0	0	86	9	0
BRANCHVILLE BORO	21	15	6	0	20	0	0	1	19	2	0
BYRAM TWP	149	75	74	0	146	1	1	1	140	9	0
FRANKFORD TWP	108	55	53	0	106	0	0	2	98	9	1
FRANKLIN BORO	62	39	23	0	62	0	0	0	48	14	0
FREDON TWP	26	11	15	0	26	0	0	0	26	0	0
GREEN TWP	38	22	16	0	36	0	0	2	38	0	0
HAMBURG BORO	46	24	22	0	46	0	0	0	39	7	0
HAMPTON TWP	50	28	22	0	49	0	0	1	47	3	0
HARDYSTON TWP	80	42	38	0	79	0	0	1	72	6	2
HOPATCONG BORO	300	160	140	0	289	2	5	4	281	19	0
LAFAYETTE TWP	27	17	10	0	27	0	0	0	26	1	0
MONTAGUE TWP	46	28	18	0	39	0	0	7	38	7	1
NEWTON TOWN	120	53	67	0	115	1	1	3	96	23	1
OGDENSBURG BORO	32	18	14	0	32	0	0	0	31	1	0
SANDYSTON TWP	23	13	10	0	20	0	0	3	22	0	1
SPARTA TWP	207	108	99	0	201	2	0	4	193	13	1
STANHOPE BORO	42	18	24	0	41	0	0	1	39	3	0
STILLWATER TWP	72	30	42	0	72	0	0	0	67	5	0
SUSSEX BORO	100	56	44	0	87	0	0	13	77	18	5
VERNON TWP	336	174	162	0	302	0	1	33	308	15	13
WANTAGE TWP	106	56	50	0	105	0	0	1	93	12	1
*TOTAL SUSSEX	2099	1100	999	0	2008	6	8	77	1895	178	26

TABLE-22 (CONTINUED)
1987

UNION COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
BERKELEY HEIGHTS TWP	118	52	66	0	107	1	8	2	116	2	0
CLARK TWP	135	63	72	0	129	1	3	2	131	4	0
CRANFORD TWP	282	161	121	0	265	6	3	8	264	18	0
ELIZABETH CITY	2036	1051	985	0	1481	497	37	21	1304	728	4
FANWOOD BORO	127	59	68	0	113	4	2	8	121	6	0
GARWOOD BORO	58	30	28	0	56	0	0	2	57	1	0
HILLSIDE TWP	284	155	128	1	157	116	7	4	201	83	0
KENILWORTH BORO	76	48	28	0	71	4	1	0	68	8	0
LINDEN CITY	468	238	230	0	335	117	8	8	361	105	2
MOUNTAINSIDE BORO	58	24	34	0	56	0	0	2	58	0	0
NEW PROVIDENCE BORO	147	81	66	0	141	0	4	2	141	6	0
PLAINFIELD CITY	989	537	452	0	319	653	10	7	487	500	2
RAHWAY CITY	371	190	181	0	276	83	8	4	298	71	2
ROSELLE BORO	298	139	159	0	182	104	6	6	222	76	0
ROSELLE PARK BORO	150	71	79	0	140	5	5	0	136	14	0
SCOTCH PLAINS TWP	244	132	112	0	209	20	8	7	228	16	0
SPRINGFIELD TWP	139	77	62	0	127	4	0	8	132	7	0
SUMMIT CITY	251	121	130	0	214	13	7	17	239	11	1
UNION TWP	486	235	251	0	418	51	11	6	438	46	2
WESTFIELD TOWN	361	179	182	0	330	11	6	14	348	11	2
WINFIELD TWP	23	14	9	0	22	0	0	1	20	3	0
*TOTAL UNION	7101	3657	3443	1	5148	1690	134	129	5370	1716	15

TABLE-22 (CONTINUED)
1987

WARREN COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
ALLAMUCHY TWP	30	19	11	0	28	2	0	0	30	0	0
ALPHA BORO	30	18	12	0	30	0	0	0	24	6	0
BELVIDERE TOWN	52	28	24	0	51	0	0	1	39	13	0
BLAIRSTOWN TWP	68	33	35	0	64	2	0	2	63	4	1
FRANKLIN TWP	36	22	14	0	35	0	0	1	32	4	0
FRELINGHUYSEN TWP	22	12	10	0	22	0	0	0	19	3	0
GREENWICH TWP	27	14	13	0	26	0	0	1	25	2	0
HACKETTSTOWN TOWN	177	88	89	0	169	4	3	1	161	16	0
HARDWICK TWP	13	7	6	0	13	0	0	0	13	0	0
HARMONY TWP	21	9	12	0	21	0	0	0	18	3	0
HOPE TWP	29	22	7	0	29	0	0	0	24	5	0
INDEPENDENCE TWP	61	31	30	0	61	0	0	0	57	4	0
KNOWLTON TWP	38	21	17	0	37	0	0	1	35	3	0
LIBERTY TWP	34	15	19	0	33	0	0	1	31	3	0
LOPATCONG TWP	35	13	22	0	35	0	0	0	33	2	0
MANSFIELD TWP	84	45	39	0	79	3	2	0	75	9	0
OXFORD TWP	40	23	17	0	40	0	0	0	34	6	0
PHILLIPSBURG TOWN	303	166	137	0	290	9	1	3	222	80	1
POHATCONG TWP	48	19	29	0	47	1	0	0	42	6	0
WASHINGTON BORO	71	36	35	0	70	1	0	0	59	12	0
WASHINGTON TWP	122	53	69	0	121	0	0	1	106	16	0
WHITE TWP	34	14	20	0	34	0	0	0	31	3	0
*TOTAL WARREN	1375	708	667	0	1335	22	6	12	1173	200	2

TABLE-22 (CONTINUED)
1987

STATE INST COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
N J ST REFORM WOMEN CLINT	1	1	0	0	1	0	0	0	0	1	0
*TOTAL STATE INST	1	1	0	0	1	0	0	0	0	1	0

MILITARY COUNTY

PLACE OF RESIDENCE	TOTAL	SEX			RACE				LEGITIMACY		
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN	LEGIT	ILLEG	UNKN
FORT DIX	116	59	57	0	56	47	13	0	104	12	0
FORT MONMOUTH	1	1	0	0	0	1	0	0	0	1	0
MCGUIRE AIR BASE FORT DIX	73	42	31	0	52	17	3	1	70	3	0
*TOTAL MILITARY	190	102	88	0	108	65	16	1	174	16	0

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Mortality
1987

TAB-D
MORTALITY

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Mortality

1987

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CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Mortality
1987

INTRODUCTION

All mortality statistics provided are data summarized from death certificate items filed with the New Jersey State Registrar. New Jersey vital statistics legislation requires a death certificate to be filed by the proper authority for any death occurring within the state. Deaths to New Jersey residents occurring in other states during the calendar year are recorded in the state of occurrence and are covered in this report. These records are forwarded to the New Jersey State Registrar as part of a national exchange program among the 50 states. The Cooperative Health Statistical System is sponsored by the National Center for Health Statistics. Participation in this system involves the reporting of all deaths occurring in New Jersey and forwarding data for the National Death Index.

All death data are maintained on computer tapes by the Bureau of Vital Statistics. Monthly and annual death tabulations are supplied to the Center for Health Statistics for surveillance and reporting purposes. To maintain confidentiality, all individual identifiers are removed prior to tabulation of any data for statistical purposes.

STATISTICAL OVERVIEW

Number of Deaths

As might be expected with the population of the State increasing by twenty-six percent since 1960, the number of resident deaths has likewise increased. The increase in deaths, however, was not in direct proportion to the population increase, which occurred at a much faster pace. The mortality rate was lower in 1987 than in 1960, 9.3 versus 9.8; nevertheless, the total number of deaths was 20.9% higher than the 1960 total of 59,330. Total resident deaths during 1987 were 71,728, an increase of 429 over 1986. There were 31,578 white male deaths, 30,832 white female deaths, 5,134 nonwhite male deaths, and 4,060 nonwhite female deaths.

Mortality Rate

The mortality rate for the State was 9.3 per 1,000 population. Compared to the nation, the New Jersey rate was slightly higher than the national mortality rate of 8.7 per 1,000 population in 1987.

Distribution across the 21 counties varied from a high of 13.3 per 1,000 population in Ocean County to 7.0 per 1,000 population in Morris County. A ranking by mortality rate indicates that the following ten counties were higher than the State average: Ocean (13.3), Cape May (12.6), Atlantic (11.5), Hudson (10.7), Union (10.4), Salem and Essex (10.1), Bergen, Cumberland and Mercer (9.4).

The New Jersey mortality rate for males (10.0) was higher than the rate for females (8.8). This differential has existed historically. The total white population rate of 9.9 was also higher than the nonwhite rate of 6.9 based on 1,000 deaths per population level. For population groups divided by both race and sex, the highest mortality rate occurred among white males (10.3), and the lowest rate appeared among nonwhite females (5.7).

Age-Specific Rates

Comparisons of age-specific mortality rates for whites and nonwhites show higher mortality rates for nonwhites in age groups under 65 but lower rates for the 65 and above groups. In 1987 the mortality rates for 25-44 year olds were 153.4 per 100,000 for whites versus 398.6 for nonwhites. In the next higher age grouping, 45-64, the rate for whites was 789.0 versus 1,131.7 for nonwhites. The rates for the younger age group were 2.6 times higher for nonwhites, but only 1.4 times higher in the older age groups. Above 65 years of age the nonwhite rate is 0.89 times as high as the mortality rate for whites, 4,632.7 versus 5,185.0. Thus, the chances of surviving another year increase for nonwhites as they age, and elderly nonwhites become more likely to survive than whites.

Age-specific mortality rates for men were higher for all age groups than the corresponding rates for females. In the 15-24 year old age group, the male rate of 110.8 per 100,000 population was more than 2½ times that of the female rate of 42.8 per 100,000 population. The mortality rate for males aged 25-44 (280.0 per 100,000 population) was over twice the rate for females (120.4 per 100,000 population). At ages 45 through 64 males had an age-specific death rate of 1,088.2 per 100,000 population compared to 611.1 per 100,000 for females. The mortality rate for males aged 65 and above was 6,139.4 per 100,000 population compared to 4,500.3 per 100,000 for females.

PRINCIPAL CAUSES OF DEATH

Leading Causes

The ten leading causes of death have remained virtually the same since 1968. In 1987 the leading causes ranked from highest to lowest were: (1) diseases of the heart, (2) malignant neoplasms, (3) cerebrovascular diseases, (4) accidents, (5) pneumonia and influenza, (6) diabetes mellitus, (7) septicemia, (8) chronic liver disease and cirrhosis, (9) nephritis and nephrosis, and (10) diseases of artery, arterioles and capillary.

Deaths caused by diseases of the heart remained approximately at the same level as in 1986 with the mortality rate decreasing by 11.2 points in 1987 to 351.0 per 100,000 population. Malignant neoplasms increased 0.1% from 1986 to 223.2 per 100,000 population in 1987. Combined diseases of the heart and malignant neoplasms, the two major causes of death, continued to account for almost two-thirds of all deaths in the State. Deaths attributable to diabetes mellitus, septicemia, accidental deaths, cardiovascular diseases, chronic liver disease and cerebrovascular diseases increased, while deaths from pneumonia and influenza, and malignancies decreased. Deaths from nephritis and nephrosis remained at the same level from the previous year.

Age Groups

Age group data show that accidents were the leading cause of death for the population aged 1-14; malignant neoplasms ranked second. For those aged 15-24, accidents were also the leading cause, and homicide ranked second. For the age group 25-44, accidents were the leading cause of death and malignant neoplasms ranked second, followed by diseases of the heart, suicide, chronic liver diseases and cirrhosis and homicide. For the age group 45-64 malignant neoplasms were the leading cause of death, followed by heart diseases. For deaths to persons aged 65 years and over, diseases of the heart were the major cause of death, and malignant neoplasms ranked second. Cerebrovascular diseases and pneumonia and influenza ranked third and fourth, respectively.

Diseases of the Heart

Diseases of the heart decreased from 27,601 deaths in 1986 to 26,931 in 1987. This drop reflected a rate decrease from 362.2 to 351.0 deaths per 100,000 population. There were 12,135 deaths of white males in 1987, a slight decrease from the 1986 level of 12,317. Also, total white female deaths decreased from 12,770 in 1986 to 12,260 deaths in 1987. Deaths due to heart diseases among nonwhite males also decreased from 1,267 to 1,251 between 1986 and 1987. For the same period nonwhite female deaths increased by 33 from 1,230 to 1,259 deaths. Diseases of the heart remained the leading cause of death for all races, sixty-five years of age or older and for all males forty-five years and older.

Malignant Neoplasms

Malignant neoplasms were the second leading cause of death in 1987 irrespective of race or sex. The crude mortality rates attributable to malignant neoplasms over the past five years are: 1987 (223.2); 1986 (223.1); 1985 (224.8); 1984 (221.7); and 1983 (221.8). Cancer was the second leading cause of death among white males over 44 years of age and those aged 65 and older. Cancer was the leading cause of death of white women aged 15-64 and the second leading cause of death for those aged 65 and older. Cancer resulted in the second highest death toll among men and women aged 45 and older, and it was the leading cause of female mortality in the age group 25-44. There were 123 more deaths attributable to malignant neoplasms in 1987 than in 1986.

Cerebrovascular Disease

Cerebrovascular diseases remained the third leading cause of death among New Jersey residents, the number of deaths rose after dropping for six consecutive years. Since 1970 the overall trend has been downward. Eighty-four percent of all deaths from cerebrovascular diseases involved persons 65 years old and over. In 1987 the mortality rates reversed direction for both race and sex. In 1986 the nonwhite population and males were more likely to succumb to cerebrovascular disease. However, whites and females historically experienced the higher rates.

Accidental Deaths

The number of accidental deaths increased from 2,176 in 1986 to 2,358 in 1987 and the death rate increased from 28.6 to 30.7 deaths per 100,000. More deaths were attributed to accidents than to any other cause of death among the total population aged 1-44. Accidents were also the leading cause of death among white males in the 25-44 age group.

Influenza and Pneumonia

In 1987 there were 2,131 deaths in this disease category compared to 2,237 in 1986. Mortality rates for influenza and pneumonia had been consistently increasing over the past six years. From 1982 through 1986 they were 20.1, 22.7, 26.1, 28.4, and 29.4 deaths per 100,000 population; however, in 1987, the rate dropped to 27.8. Influenza and pneumonia taken together caused the fourth largest number of deaths among the elderly (aged 65+), accounting for 1,809 (or 84.9%) of the 2,131 total influenza and pneumonia deaths reported in 1987.

Suicide

There were 710 resident suicides in 1987, an increase from 1986 (662). The mortality rate rose to 9.3 per 100,000 from 8.7 in the previous year. The largest number of suicides were by white males, 506. There were 72 white male deaths between the ages of 15 and 24, 185 between the ages of 25 and 44, 109 between the ages of 45 and 64, and 140 for white males aged 65+. Among the nonwhite male population there were 47 deaths. There were 11 recorded for those aged 15-24, 23 for those aged 25-44, and 13 among those 45 years of age and over. By contrast, the highest age-specific suicide deaths for white females were reported for those aged 25 to 44 and 45 to 64--44 and 49 suicides for each of these two age groups, respectively, during 1987. Only 17 suicides were reported among nonwhite women.

Leading Causes of Death
By Age Group for New Jersey Residents
1987

	Age Group					
Rank	1-14	15-24	25-44	45-64	65+*	Total**
1	Accidents 156	Accidents 403	Accidents 794	Malignant Neoplasms 4,940	Heart Diseases 22,032	Heart Diseases 26,931
2	Malignant Neoplasms 57	Homicide 103	Malignant Neoplasms 713	Heart Diseases 4,257	Malignant Neoplasms 11,352	Malignant Neoplasms 17,123
3	Congenital Anomalies 40	Suicide 97	Heart Diseases 561	Cerebrovascular Diseases 573	Cerebrovascular Diseases 3,768	Cerebrovascular Diseases 4,478
4	Heart Diseases 21	Malignant Neoplasms 57	Suicide 263	Chronic Liver Diseases and Cirrhosis 433	Pneumonia and Influenza 1,809	Accidents 2,358
5	Homicide 14	Heart Diseases 30	Chronic Liver Diseases and Cirrhosis 230	Accidents 372	Diabetes 1,124	Pneumonia and Influenza 2,131
6	Benign and Unspecified Neoplasms 9	Congenital Anomalies 14	Homicide 188	Diabetes 356	Septicemia 847	Diabetes 1,562
7	Pneumonia and Influenza 7	Cerebrovascular Diseases 10	Cerebrovascular Diseases 115	Pneumonia and Influenza 187	Nephritis and Nephrosis 710	Septicemia 1,042
8	Cerebrovascular Diseases 5	Pneumonia and Influenza 10	Pneumonia and Influenza 99	Suicide 173	Accidents 616	Chronic Liver Disease and Cirrhosis 1,038
9	Meningitis 4	Complication of Pregnancy 6	Diabetes 76	Arteries, Arterioles and Capillaries 136	Arteries, Arterioles and Capillaries 601	Nephritis and Nephrosis 894
10	***	Septicemia 4	Septicemia 50	Nephritis and Nephrosis 129	Atherosclerosis 583	Arteries, Arterioles and Capillaries 763
11	***	Diabetes 4	Nephritis and Nephrosis 45	Septicemia 127	Emphysema 367	Suicide 710
12	***	Asthma 4	Congenital Anomalies 26	Homicide 63	Chronic Liver Disease and Cirrohosis 365	Atherosclerosis 635
Residual****	129	166	1,618	1,691	6,908	12,063
Total Deaths	442	908	4,778	13,437	51,082	71,728

* Suicides are the 15th ranking cause of death among those persons aged 65 and above with 176 deaths from suicide in that age group.

** Includes persons <1 year of age and persons of unknown age.

*** Ranking 10-12 not shown for young age groups because of small number of cases in categories.

**** Deaths from all other causes.

Homicide

Homicide remains a major problem in New Jersey with 406 deaths occurring in 1987. In 1986 there were 459 reported homicides, representing an increase from 435 in 1984 and 447 in 1983. Total homicides and rates per 100,000 population in New Jersey for the three years between 1980 through 1982 were considerably higher, 7.4 and up, than for any previous year. Then the homicide rate declined 18.9% between 1982 and 1983 to 6.0. The homicide rate declined further in 1984 to 5.8, but returned to 6.0 in 1985 and 1986 before dropping to 5.3 in 1987. The highest rate of homicides for white males was in the age group 25-44 for which there were 61 cases or 43.6 percent of all white male homicides. The highest percentage of black male homicides also was in the 25-44 year old age group. There were 73 cases or 49.0 percent of all black male homicides. Nonwhite males recorded the highest overall homicide rate at 24.8 per 100,000 population. This rate was almost five times higher than the 5.3 rate for white males. White females recorded the lowest rate at 1.9 per 100,000 population, while nonwhite females had a homicide rate of 6.3 per 100,000 population, down 34.7% from the 1986 rate of 9.6.

NEW JERSEY
HOMICIDE AND LEGAL INTERVENTION
1987

TOTAL		MALE				FEMALE			
		White		Nonwhite		White		Nonwhite	
No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
406	5.3	140	4.6	155	24.8	61	1.9	45	6.3

NOTE: Total includes 4 males and 1 female of unknown race.
Rates per 100,000 population.

Legal Intervention (ICD-9 Codes E970-E978) includes injuries inflicted by law-enforcing agents, including military on duty, in the course of arresting or attempting to arrest lawbreakers, suppressing disturbances, maintaining order, and other legal action including legal execution.

Other Selected Causes of Deaths

Diabetes mellitus accounted for 1,411 deaths in 1983, 1,415 deaths in 1984, 1,398 deaths in 1985, 1,454 deaths in 1986 and 1,562 deaths in 1987. The 1986 death rate attributable to diabetes was 19.1 per 100,000 population compared to 20.4 per 100,000 population in 1987.

Chronic liver diseases and cirrhosis accounted for 1,038 deaths in 1987, compared with 1,012 deaths in 1986, 1,136 deaths in 1985 and 1,032 deaths in 1984. The death rate attributable to chronic liver disease and cirrhosis fluctuated as follows between 1984 and 1987: 13.7, 15.0, 13.3, and 13.5 per 100,000 population.

Other diseases of the arteries, arterioles and capillaries produced 763 deaths in 1987 compared with 726 deaths in 1986. The mortality rate for these diseases increased to 9.9 deaths per 100,000 population in 1987 from 9.5 in 1986. Deaths from atherosclerosis numbered 635 in 1987 and 626 in 1986. The corresponding rates per 100,000 population were 8.3 and 8.2.

Bronchitis, asthma and emphysema deaths fell from 654 in 1986 to 601 in 1987. The corresponding death rates for these two years were 8.6 and 7.8 per 100,000 population.

INFANT, FETAL AND MATERNAL DEATHS

Infant Deaths

Infant mortality refers to deaths within one year following birth. Its rate is calculated by the number of infant deaths per 1,000 live births. In 1987 the number of infant deaths was 1,057, compared to 1,055 in 1986 and 1,113 in 1985. The infant mortality rate was 9.3 per 1,000 live births in 1987, a decline from 9.7 per 1,000 live births in 1986 and 10.6 per 1,000 live births in 1985. The 1987 infant mortality rate for the United States was 7½ percent higher than that for New Jersey, 10.0 per 1,000 live births. Overall, infant deaths have been on a downward trend since the Department of Health started to collect and maintain statistical records in 1879.

Certain high risk groups can be identified that experience high mortality rates, for example, infants of women who are not white. During 1987 there were 618 white and 415 nonwhite infant deaths, as well as 24 for whom race was unknown. The infant mortality rate for whites was 7.1 per 1,000 live births down from 7.7 in 1986. Among nonwhites the infant mortality rate was almost two and a half times the white rate, 17.8 infant deaths per 1,000 live births in 1986 and 17.6 in 1987.

Infant deaths due to disorders relating to short gestation and unspecified low birthweight were in first place among the top 10 causes of infant deaths. They increased by 43 cases from 106 to 149, or 40.6%, between 1986 and 1987. Overall, of the principal causes of infant mortality only respiratory distress syndrome experienced a decrease in 1987. Second place was claimed by other respiratory conditions of the fetus and newborn and experienced an increase of 0.9 percent. Sudden death, cause unknown, the fourth ranking cause of infant death in 1986, increased by 1 case and ranked third in 1987.

PRINCIPAL CAUSES OF INFANT MORTALITY
1986-1987

	1987		1986		Percent
CAUSE DESCRIPTION (ICD-9 CODE)	Rank	Number	Rank	Number	Change
Disorders relating to short gestation and unspecified low birthweight (765)	1	149	3	106	+40.6
Other Respiratory Conditions of Fetus and Newborn (770)	2	109	2	108	+0.9
Sudden Death, Cause Unknown (SID's) (798)	3	103	4	102	+1.0
Respiratory Distress Syndrome (769)	4	91	1	144	-36.8
Other and Ill-defined Conditions Originating in Perinatal Period (779)	5	87	5	79	+10.1
Other Congenital Anomalies of Heart (746)	6	59	6	50	+18.0
Congenital Anomalies of Respiratory System (748)	7	26	9	25	+4.0
Chromosomal Anomalies (758)	7	26	11	23	+13.0
Fetus or Newborn Affected by Maternal Complications of Pregnancy (761)	7	26	12	19	+36.8

NOTE: ICD-9 Code 779 includes 779.6, termination of pregnancy.

Neonatal Deaths

Statistics show that most infant deaths occur during the first month of life. These infant deaths are referred to as neonatal deaths. In 1987 there were 719 neonatal deaths, an increase of 11 since 1986. The 1987 neonatal mortality rate was 6.3, a decrease of 0.2 per 1,000 live births from the 1986 level of 6.5. New Jersey's 1987 neonatal mortality rate is 0.2 less than the national rate of 6.5 per 1,000 live births. In 1987 there were 426 white and 271 nonwhite neonatal deaths recorded, along with 22 of unknown race. The neonatal mortality rates for whites and nonwhites were 5.3 and 11.2, respectively, in 1986. In 1987 the rates were 4.9 and 11.5, respectively, indicating that the rate for whites decreased by 7.5 percent over this period while the rate among nonwhite mothers increased by 2.7 percent.

Fetal Deaths

A fetal death is defined as a death occurring prior to complete expulsion or extraction of a fetus from its mother as a product of conception. Other commonly used terms are stillbirth and spontaneous abortion. All fetal deaths occurring after the completion of twenty or more weeks of gestation are required by law to be reported to the State Registrar. Thus, induced abortions performed after 19 weeks of gestation are included in these counts of fetal deaths.

The reported number of all fetal deaths and the corresponding fetal death ratio* have declined over the past twenty-five years. In 1960 there were 2,201 fetal deaths with a ratio of 16.6 fetal deaths per 1,000 live births. In 1987 there were 1,263 fetal deaths or 11.2 per 1,000 live births. However, the decline in fetal deaths was achieved by 1975 when 941 fetal deaths were reported, producing a ratio of 10.3. The lowest level of fetal deaths was recorded in 1983; the number of fetal deaths was 839 and the ratio was 8.5 per 1,000 births.

The number of white fetal deaths increased from 654 in 1984 to 707 in 1985, 766 in 1986 and 795 in 1987. Nonwhite fetal deaths increased from 323 to 407 between 1983 and 1987. The fetal death ratio for the white population increased 46 percent from 6.3 in 1983 to 9.2 per 1,000 live births in 1987. For the nonwhite population, the ratio increased by 11.6 percent from 15.5 in 1983 to 17.3 in 1987.

Perinatal Deaths

Perinatal mortality is a composite statistic used to measure the critical period in human development just prior to birth and shortly thereafter. Perinatal mortality includes all fetal deaths of 20 weeks or more gestation plus neonatal deaths (infant deaths within 28 days of birth). During the last twenty-five years perinatal deaths have declined dramatically. The perinatal mortality ratio in 1960 was 34.6 and has declined to 17.3 in 1987.

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*NOTE: Previous issues of this publication erroneously referred to these calculations as rates, even though the Fetal Death Ratio II formula, or an equivalent perinatal death ratio formula, was employed (see Technical Notes Section). Upcoming issues will report actual rates and will adjust the count of fetal deaths by removing induced abortions. If these changes were applied to 1987, the fetal and perinatal death rates would be lower than the corresponding ratios; the fetal death rate was 8.2 and the perinatal death rate was 14.4.

There were 1,982 perinatal deaths in 1987, an increase of 108 from 1986. Consequently, the perinatal mortality ratio increased from 17.1 to 17.3 deaths per 1,000 live births. Perinatal mortality ratios for whites and nonwhites were 14.1 and 29.1 per 1,000 live births, respectively, for 1987. The ratio for whites was a decrease from the 1986 rate of 14.5; the ratio for nonwhites was an increase from 26.0 per 1,000 births.

Maternal Deaths

Maternal deaths have declined dramatically since 1940 when the number of deaths was 172 and the rate was 29.0. In 1987 there were 14 maternal deaths with a corresponding rate of 1.2 per 10,000 live births. The 1985 figure of 3 maternal deaths with a rate of 0.3 was the lowest both in number and rate to date. The previous low occurred in 1981 and 1983: 5 deaths with a rate of 0.5.

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CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

TABLE-1

NEW JERSEY
MORTALITY BY RACE, SEX AND AGE: 1973-1987

	TOTAL		RACE		SEX		AGE GROUP						
YEAR	Number	Rate	White	Nonwhite	Male	Female	1	1-4	5-14	15-24	25-44	45-64	65+
1973	68,631	9.3	61,599	7,031	37,039	31,592	1,644	314	455	1,296	3,464	17,413	44,045
1974	66,797	9.0	59,943	6,804	36,013	30,784	1,582	291	376	1,239	3,308	16,825	43,176
1975	65,422	8.9	58,775	6,647	35,104	30,318	1,434	241	381	1,256	3,176	16,288	42,646
1976	65,276	8.9	58,530	6,746	34,777	30,499	1,366	205	355	1,158	3,065	16,103	43,024
1977	65,646	8.9	58,920	6,726	35,046	30,600	1,355	196	375	1,199	2,978	15,983	43,560
1978	65,161	8.9	58,778	6,683	34,722	30,439	1,145	207	332	1,153	2,898	15,419	44,007
1979	65,495	8.9	58,435	7,008	34,648	30,846	1,223	191	354	1,233	3,104	15,215	44,115
1980	68,762	9.3	61,310	7,384	35,926	32,834	1,201	190	273	1,255	3,125	15,154	47,498
1981	67,053	9.1	59,693	7,259	34,848	32,203	1,016	207	287	1,125	3,234	14,827	46,303
1982	67,471	9.1	59,978	7,451	34,967	32,504	1,153	194	276	1,069	3,166	14,663	46,899
1983	68,626	9.2	60,924	7,669	35,312	33,311	1,115	163	234	967	3,190	14,439	48,485
1984	68,944	9.2	60,955	7,948	35,323	33,616	1,090	170	245	913	3,431	14,067	48,993
1985	70,655	9.3	62,064	8,532	36,600	34,031	1,113	178	213	916	3,870	14,298	50,025
1986	71,299	9.4	62,472	8,767	36,313	34,974	1,055	182	242	919	4,324	13,675	50,856
1987	71,728	9.3	62,414	9,198	36,788	34,936	1,057	205	237	908	4,778	13,437	51,082

Category totals may not add to total given because data of unknown race, sex, and age group are not shown.

TABLE-2

RESIDENT DEATHS -- BY CAUSE GROUP AND AGE
ALL RACES, BOTH SEXES
1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	58	0	0	0	1	15	16	26	0
TUBERCULOSIS, OTHER FORMS (013-018)	16	0	0	0	1	6	5	3	1
MENINGOCOCCAL INFECTION (036)	6	3	0	0	1	0	1	1	0
SEPTICEMIA (038)	1042	11	1	2	4	50	127	847	0
SYPHILIS & ITS SEQUELAE (090-097)	3	1	0	0	1	0	1	0	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	1139	8	15	9	42	754	191	119	1
MALIGNANT NEOPLASMS (140-208)	17123	2	21	36	57	713	4940	11352	2
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	270	1	5	4	1	18	48	193	0
DIABETES MELLITUS (250)	1562	0	0	2	4	76	356	1124	0
NUTRITIONAL DEFICIENCIES (260-269)	75	1	1	0	0	4	3	66	0
ANEMIAS (280-285)	150	1	0	1	3	18	12	115	0
MENINGITIS (320-322)	44	8	2	2	2	6	8	16	0
DISEASES OF THE HEART (390-398,402,404-429)	26931	18	11	10	30	561	4257	22032	12
HYPERTENSION (401,403)	244	0	0	0	1	10	39	194	0
CEREBROVASCULAR DISEASE (430-438)	4478	6	2	3	10	115	573	3768	1
ATHEROSCLEROSIS (440)	635	0	0	0	0	1	51	583	0
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	763	0	0	0	1	25	136	601	0
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	26	4	0	0	1	4	6	11	0
PNEUMONIA & INFLUENZA (480-487)	2131	19	5	2	10	99	187	1809	0
CHRONIC & UNSPEC BRONCHITIS (490-491)	86	0	0	0	3	2	6	75	0
EMPHYSEMA (492)	426	1	0	1	0	2	55	367	0
ASTHMA (493)	89	0	0	1	4	13	31	39	1
ULCER OF STOMACH & DUODENUM (531-533)	200	0	0	0	0	6	26	168	0
APPENDICITIS (540-543)	18	0	0	0	0	0	4	14	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	159	2	1	0	0	5	16	135	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	1038	4	1	1	3	230	433	365	1
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	89	0	0	0	0	1	8	80	0
NEPHRITIS & NEPHROSIS (580-589)	894	6	0	1	3	45	129	710	0
INFECTIONS OF KIDNEY (590)	34	0	0	0	0	0	5	29	0
HYPERPLASIA OF PROSTRATE (600)	6	0	0	0	0	0	0	6	0
COMP OF PREGNANCY,BIRTH & PUERPERIUM(630-676)	14	0	0	0	6	8	0	0	0
CONGENITAL ANOMALIES (740-759)	362	238	27	13	14	26	21	23	0
EARLY INFANT MORTALITY (760-779)	548	544	2	0	0	0	0	0	2

TABLE-2 (Continued)

ALL RACES, BOTH SEXES
1987

		AGE							
CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	<1	1-4	5-14	15-24	25-44	45-64	65+	UNK
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	396	114	3	4	17	70	44	144	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	1019	3	17	50	281	324	170	174	0
OTHER ACCIDENTS (E800-E807,E826-E949)	1339	12	44	45	122	470	202	442	2
SUICIDE (E950-E959)	710	0	0	1	97	263	173	176	0
HOMICIDE & LEGAL INTERVENTION(E960-E978)	406	7	9	5	103	188	63	31	0
ALL OTHER EXTERNAL CAUSES (E980-E999)	124	0	1	3	21	65	25	9	0
RESIDUAL	7075	43	37	41	64	585	1069	5235	1
TOTAL	71728	1057	205	237	908	4778	13437	51082	24

WHITE - MALE
1987

		AGE							
CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	<1	1-4	5-14	15-24	25-44	45-64	65+	UNK
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	21	0	0	0	0	3	5	13	0
TUBERCULOSIS, OTHER FORMS (013-018)	1	0	0	0	0	1	0	0	0
MENINGOCOCCAL INFECTION (036)	3	2	0	0	0	0	0	1	0
SEPTICEMIA (038)	374	2	1	0	0	12	35	324	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	433	2	4	4	13	279	78	53	0
MALIGNANT NEOPLASMS (140-208)	7973	1	5	20	29	260	2208	5449	1
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	115	1	1	3	1	9	21	79	0
DIABETES MELLITUS (250)	553	0	0	0	2	33	141	377	0
NUTRITIONAL DEFICIENCIES (260-269)	23	1	1	0	0	0	2	19	0
ANEMIAS (280-285)	45	0	0	0	0	2	5	38	0
MENINGITIS (320-322)	17	3	0	0	0	3	3	8	0
DISEASES OF THE HEART (390-398,402,404-429)	12135	3	7	7	12	281	2582	9239	4
HYPERTENSION (401,403)	77	0	0	0	1	4	15	57	0

TABLE-2 (Continued)

WHITE - MALE
1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
CEREBROVASCULAR DISEASE (430-438)	1552	2	0	0	4	38	233	1274	1
ATHEROSCLEROSIS (440)	218	0	0	0	0	1	26	191	0
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	416	0	0	0	1	10	74	331	0
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	12	2	0	0	1	1	2	6	0
PNEUMONIA & INFLUENZA (480-487)	842	4	1	1	3	36	77	720	0
CHRONIC & UNSPEC BRONCHITIS (490-491)	38	0	0	0	2	1	3	32	0
EMPHYSEMA (492)	222	0	0	0	0	0	22	200	0
ASTHMA (493)	22	0	0	0	0	3	6	13	0
ULCER OF STOMACH & DUODENUM (531-533)	94	0	0	0	0	4	16	74	0
APPENDICITIS (540-543)	7	0	0	0	0	0	2	5	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	56	1	0	0	0	3	4	48	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	537	0	0	1	1	95	242	198	0
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	41	0	0	0	0	1	5	35	0
NEPHRITIS & NEPHROSIS (580-589)	348	1	0	0	1	11	51	284	0
INFECTIONS OF KIDNEY (590)	6	0	0	0	0	0	1	5	0
HYPERPLASIA OF PROSTRATE (600)	6	0	0	0	0	0	0	6	0
CONGENITAL ANOMALIES (740-759)	132	79	10	4	7	14	13	5	0
EARLY INFANT MORTALITY (760-779)	175	172	2	0	0	0	0	0	1
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	144	29	1	0	6	31	19	58	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	601	1	6	26	181	198	99	90	0
OTHER ACCIDENTS (E800-E807,E826-E949)	661	4	15	17	74	268	104	179	0
SUICIDE (E950-E959)	506	0	0	0	72	185	109	140	0
HOMICIDE & LEGAL INTERVENTION(E960-E978)	140	3	2	2	32	61	27	13	0
ALL OTHER EXTERNAL CAUSES (E980-E999)	65	0	0	2	12	35	11	5	0
RESIDUAL	2967	12	16	17	24	223	483	2192	0
*TOTAL DEATHS WHITE - MALE	31578	325	72	104	479	2106	6724	21761	7

TABLE-2 (Continued)

WHITE - FEMALE
1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	9	0	0	0	0	0	1	8	0
TUBERCULOSIS, OTHER FORMS (013-018)	5	0	0	0	0	2	1	2	0
MENINGOCOCCAL INFECTION (036)	2	0	0	0	1	0	1	0	0
SEPTICEMIA (038)	505	4	0	1	1	8	52	439	0
SYPHILIS & ITS SEQUELAE (090-097)	1	0	0	0	1	0	0	0	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	137	0	4	1	3	64	12	53	0
MALIGNANT NEOPLASMS (140-208)	7243	1	9	12	15	289	1930	4987	0
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	133	0	3	1	0	6	21	102	0
DIABETES MELLITUS (250)	740	0	0	1	1	23	124	591	0
NUTRITIONAL DEFICIENCIES (260-269)	39	0	0	0	0	1	1	37	0
ANEMIAS (280-285)	74	1	0	0	0	5	4	64	0
MENINGITIS (320-322)	15	1	2	1	0	2	2	7	0
DISEASES OF THE HEART (390-398,402,404-429)	12260	9	2	2	7	84	952	11201	3
HYPERTENSION (401,403)	113	0	0	0	0	1	4	108	0
CEREBROVASCULAR DISEASE (430-438)	2367	2	1	0	4	35	193	2132	0
ATHEROSCLEROSIS (440)	375	0	0	0	0	0	19	356	0
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	279	0	0	0	0	8	36	235	0
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	9	0	0	0	0	2	2	5	0
PNEUMONIA & INFLUENZA (480-487)	1036	5	1	1	3	10	52	964	0
CHRONIC & UNSPEC BRONCHITIS (490-491)	38	0	0	0	0	0	3	35	0
EMPHYSEMA (492)	179	1	0	0	0	2	29	147	0
ASTHMA (493)	40	0	0	0	1	7	11	21	0
ULCER OF STOMACH & DUODENUM (531-533)	89	0	0	0	0	0	4	85	0
APPENDICITIS (540-543)	10	0	0	0	0	0	2	8	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	83	0	0	0	0	1	7	75	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	293	2	1	0	0	39	99	152	0
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	44	0	0	0	0	0	1	43	0
NEPHRITIS & NEPHROSIS (580-589)	365	3	0	0	0	3	34	325	0
INFECTIONS OF KIDNEY (590)	27	0	0	0	0	0	3	24	0
COMP OF PREGNANCY,BIRTH & PUERPERIUM(630-676)	5	0	0	0	2	3	0	0	0
CONGENITAL ANOMALIES (740-759)	136	89	11	5	2	6	7	16	0
EARLY INFANT MORTALITY (760-779)	118	117	0	0	0	0	0	0	1
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	140	37	0	3	5	8	14	73	0

TABLE-2 (Continued)

WHITE - FEMALE
1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
MOTOR VEHICLE ACCIDENTS (E810-E825)	248	0	4	13	55	57	48	71	0
OTHER ACCIDENTS (E800-E807,E826-E949)	379	4	14	4	19	49	51	237	1
SUICIDE (E950-E959)	140	0	0	1	14	44	49	32	0
HOMICIDE & LEGAL INTERVENTION(E960-E978)	61	2	4	0	7	26	9	13	0
ALL OTHER EXTERNAL CAUSES (E980-E999)	18	0	1	0	4	6	3	4	0
RESIDUAL	3077	14	9	16	23	94	333	2588	0
*TOTAL DEATHS WHITE - FEMALE	30832	292	66	62	168	885	4114	25240	5

BLACK - MALE
1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	19	0	0	0	0	9	7	3	0
TUBERCULOSIS, OTHER FORMS (013-018)	7	0	0	0	1	1	3	1	1
MENINGOCOCCAL INFECTION (036)	1	1	0	0	0	0	0	0	0
SEPTICEMIA (038)	79	2	0	0	1	18	24	34	0
SYPHILIS & ITS SEQUELAE (090-097)	1	1	0	0	0	0	0	0	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	407	2	3	0	19	293	82	8	0
MALIGNANT NEOPLASMS (140-208)	965	0	3	4	7	55	419	477	0
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	9	0	0	0	0	2	3	4	0
DIABETES MELLITUS (250)	111	0	0	1	0	16	46	48	0
NUTRITIONAL DEFICIENCIES (260-269)	6	0	0	0	0	2	0	4	0
ANEMIAS (280-285)	9	0	0	0	1	6	0	2	0
MENINGITIS (320-322)	6	1	0	0	1	1	2	1	0
DISEASES OF THE HEART (390-398,402,404-429)	1166	3	1	1	6	116	385	652	2
HYPERTENSION (401,403)	28	0	0	0	0	4	11	13	0
CEREBROVASCULAR DISEASE (430-438)	235	1	0	2	2	23	71	136	0
ATHEROSCLEROSIS (440)	18	0	0	0	0	0	4	14	0

TABLE-2 (Continued)

BLACK - MALE
1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
ARTERY, ARTERIOLES & CAPILLARY DIS (441-448)	29	0	0	0	0	3	13	13	0
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	3	1	0	0	0	1	1	0	0
PNEUMONIA & INFLUENZA (480-487)	151	4	3	0	2	36	37	69	0
CHRONIC & UNSPEC BRONCHITIS (490-491)	8	0	0	0	1	1	0	6	0
EMPHYSEMA (492)	19	0	0	1	0	0	3	15	0
ASTHMA (493)	10	0	0	1	1	2	4	2	0
ULCER OF STOMACH & DUODENUM (531-533)	8	0	0	0	0	2	2	4	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	9	1	0	0	0	1	3	4	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	136	1	0	0	1	66	61	6	1
NEPHRITIS & NEPHROSIS (580-589)	93	1	0	0	0	21	24	47	0
INFECTIONS OF KIDNEY (590)	1	0	0	0	0	0	1	0	0
CONGENITAL ANOMALIES (740-759)	43	31	2	4	2	3	0	1	0
EARLY INFANT MORTALITY (760-779)	126	126	0	0	0	0	0	0	0
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	58	25	1	0	2	18	7	5	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	107	1	3	8	27	50	14	4	0
OTHER ACCIDENTS (E800-E807,E826-E949)	197	3	6	19	12	112	33	12	0
SUICIDE (E950-E959)	43	0	0	0	10	22	7	4	0
HOMICIDE & LEGAL INTERVENTION(E960-E978)	149	2	2	1	52	73	17	2	0
ALL OTHER EXTERNAL CAUSES (E980-E999)	32	0	0	1	2	21	8	0	0
RESIDUAL	539	10	4	4	6	164	143	208	0
*TOTAL DEATHS BLACK - MALE	4828	217	28	47	156	1142	1435	1799	4

TABLE-2 (Continued)
BLACK - FEMALE
1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE							
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNK
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	5	0	0	0	1	2	1	1	0
TUBERCULOSIS, OTHER FORMS (013-018)	3	0	0	0	0	2	1	0	0
SEPTICEMIA (038)	77	2	0	0	2	12	12	49	0
SYPHILIS & ITS SEQUELAE (090-097)	1	0	0	0	0	0	1	0	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	145	4	4	4	6	109	13	4	1
MALIGNANT NEOPLASMS (140-208)	784	0	2	0	3	89	312	377	1
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	10	0	1	0	0	0	3	6	0
DIABETES MELLITUS (250)	146	0	0	0	1	4	43	98	0
NUTRITIONAL DEFICIENCIES (260-269)	7	0	0	0	0	1	0	6	0
ANEMIAS (280-285)	21	0	0	1	2	5	2	11	0
MENINGITIS (320-322)	6	3	0	1	1	0	1	0	0
DISEASES OF THE HEART (390-398,402,404-429)	1210	1	1	0	5	71	276	853	3
HYPERTENSION (401,403)	26	0	0	0	0	1	9	16	0
CEREBROVASCULAR DISEASE (430-438)	282	1	1	0	0	14	64	202	0
ATHEROSCLEROSIS (440)	22	0	0	0	0	0	1	21	0
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	31	0	0	0	0	1	13	17	0
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	2	1	0	0	0	0	1	0	0
PNEUMONIA & INFLUENZA (480-487)	91	6	0	0	2	16	19	48	0
CHRONIC & UNSPEC BRONCHITIS (490-491)	2	0	0	0	0	0	0	2	0
EMPHYSEMA (492)	4	0	0	0	0	0	1	3	0
ASTHMA (493)	17	0	0	0	2	1	10	3	1
ULCER OF STOMACH & DUODENUM (531-533)	8	0	0	0	0	0	3	5	0
APPENDICITIS (540-543)	1	0	0	0	0	0	0	1	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	11	0	1	0	0	0	2	8	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	64	0	0	0	1	28	27	8	0
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	3	0	0	0	0	0	1	2	0
NEPHRITIS & NEPHROSIS (580-589)	83	0	0	1	2	10	19	51	0
COMP OF PREGNANCY,BIRTH & PUERPERIUM(630-676)	8	0	0	0	4	4	0	0	0
CONGENITAL ANOMALIES (740-759)	37	28	2	0	3	2	1	1	0

TABLE-2 (Continued)

BLACK - FEMALE
1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
EARLY INFANT MORTALITY (760-779)	100	100	0	0	0	0	0	0	0
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	40	20	1	1	1	7	2	8	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	36	1	2	0	10	8	7	8	0
OTHER ACCIDENTS (E800-E807,E826-E949)	85	1	8	5	13	36	11	11	0
SUICIDE (E950-E959)	13	0	0	0	0	10	3	0	0
HOMICIDE & LEGAL INTERVENTION(E960-E978)	43	0	1	2	10	22	6	2	0
ALL OTHER EXTERNAL CAUSES (E980-E999)	8	0	0	0	3	3	2	0	0
RESIDUAL	439	6	6	2	11	91	98	225	0
*TOTAL DEATHS BLACK - FEMALE	3871	174	30	17	83	549	965	2047	6

TABLE-2 (Continued)

OTHER - MALE

1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	3	0	0	0	0	1	1	1	0
SEPTICEMIA (038)	1	0	0	0	0	0	0	1	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	10	0	0	0	1	5	4	0	0
MALIGNANT NEOPLASMS (140-208)	70	0	0	0	1	7	27	35	0
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	2	0	0	0	0	1	0	1	0
DIABETES MELLITUS (250)	7	0	0	0	0	0	0	7	0
ANEMIAS (280-285)	1	0	0	0	0	0	1	0	0
DISEASES OF THE HEART (390-398,402,404-429)	85	1	0	0	0	5	37	42	0
CEREBROVASCULAR DISEASE (430-438)	16	0	0	0	0	2	6	8	0
ATHEROSCLEROSIS (440)	2	0	0	0	0	0	1	1	0
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	4	0	0	0	0	2	0	2	0
PNEUMONIA & INFLUENZA (480-487)	7	0	0	0	0	1	1	5	0
EMPHYSEMA (492)	2	0	0	0	0	0	0	2	0
ULCER OF STOMACH & DUODENUM (531-533)	1	0	0	0	0	0	1	0	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	7	1	0	0	0	1	4	1	0
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	1	0	0	0	0	0	1	0	0
NEPHRITIS & NEPHROSIS (580-589)	1	0	0	0	0	0	1	0	0
CONGENITAL ANOMALIES (740-759)	8	6	1	0	0	1	0	0	0
EARLY INFANT MORTALITY (760-779)	7	7	0	0	0	0	0	0	0
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	7	1	0	0	3	3	0	0	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	17	0	1	2	5	7	1	1	0
OTHER ACCIDENTS (E800-E807,E826-E949)	11	0	1	0	4	2	3	1	0
SUICIDE (E950-E959)	4	0	0	0	1	1	2	0	0
HOMICIDE & LEGAL INTERVENTION(E960-E978)	6	0	0	0	2	2	2	0	0
ALL OTHER EXTERNAL CAUSES (E980-E999)	1	0	0	0	0	0	1	0	0
RESIDUAL	29	0	1	2	0	8	4	14	0
*TOTAL DEATHS OTHER - MALE	310	16	4	4	17	49	98	122	0

TABLE-2 (Continued)

OTHER - FEMALE
1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	1	0	0	0	0	0	1	0	0
SEPTICEMIA (038)	3	1	0	0	0	0	2	0	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	2	0	0	0	0	1	0	1	0
MALIGNANT NEOPLASMS (140-208)	60	0	2	0	0	11	26	21	0
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	1	0	0	0	0	0	0	1	0
DIABETES MELLITUS (250)	5	0	0	0	0	0	2	3	0
DISEASES OF THE HEART (390-398,402,404-429)	49	0	0	0	0	1	17	31	0
CEREBROVASCULAR DISEASE (430-438)	22	0	0	1	0	3	4	14	0
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	3	0	0	0	0	1	0	2	0
PNEUMONIA & INFLUENZA (480-487)	3	0	0	0	0	0	1	2	0
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	1	0	0	0	0	1	0	0	0
NEPHRITIS & NEPHROSIS (580-589)	2	0	0	0	0	0	0	2	0
COMP OF PREGNANCY,BIRTH & PUERPERIUM(630-676)	1	0	0	0	0	1	0	0	0
CONGENITAL ANOMALIES (740-759)	1	1	0	0	0	0	0	0	0
EARLY INFANT MORTALITY (760-779)	4	4	0	0	0	0	0	0	0
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	4	2	0	0	0	2	0	0	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	6	0	1	1	1	3	0	0	0
OTHER ACCIDENTS (E800-E807,E826-E949)	3	0	0	0	0	2	0	1	0
SUICIDE (E950-E959)	4	0	0	0	0	1	3	0	0
HOMICIDE & LEGAL INTERVENTION(E960-E978)	2	0	0	0	0	1	1	0	0
RESIDUAL	12	0	0	0	0	2	4	6	0
*TOTAL DEATHS OTHER - FEMALE	189	8	3	2	1	30	61	84	0

TABLE-2 (Continued)

UNKNOWN - MALE
1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
SEPTICEMIA (038)	2	0	0	0	0	0	2	0	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	5	0	0	0	0	3	2	0	0
MALIGNANT NEOPLASMS (140-208)	15	0	0	0	1	1	10	3	0
DISEASES OF THE HEART (390-398,402,404-429)	15	1	0	0	0	3	5	6	0
CEREBROVASCULAR DISEASE (430-438)	1	0	0	0	0	0	1	0	0
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	1	0	0	0	0	0	0	1	0
CONGENITAL ANOMALIES (740-759)	1	0	1	0	0	0	0	0	0
EARLY INFANT MORTALITY (760-779)	12	12	0	0	0	0	0	0	0
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	2	0	0	0	0	1	1	0	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	4	0	0	0	2	1	1	0	0
OTHER ACCIDENTS (E800-E807,E826-E949)	2	0	0	0	0	0	0	1	1
HOMICIDE & LEGAL INTERVENTION(E960-E978)	4	0	0	0	0	3	1	0	0
RESIDUAL	8	0	0	0	0	3	2	2	1
*TOTAL DEATHS UNKNOWN - MALE	72	13	1	0	3	15	25	13	2

UNKNOWN - FEMALE
1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE <1	1-4	5-14	15-24	25-44	45-64	65+	UNK
SEPTICEMIA (038)	1	0	0	1	0	0	0	0	0
MALIGNANT NEOPLASMS (140-208)	12	0	0	0	1	1	7	3	0
DISEASES OF THE HEART (390-398,402,404-429)	9	0	0	0	0	0	2	7	0
CEREBROVASCULAR DISEASE (430-438)	3	0	0	0	0	0	1	2	0
PNEUMONIA & INFLUENZA (480-487)	1	0	0	0	0	0	0	1	0
NEPHRITIS & NEPHROSIS (580-589)	2	1	0	0	0	0	0	1	0
CONGENITAL ANOMALIES (740-759)	4	4	0	0	0	0	0	0	0
EARLY INFANT MORTALITY (760-779)	5	5	0	0	0	0	0	0	0
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	1	0	0	0	0	0	1	0	0
OTHER ACCIDENTS (E800-E807,E826-E949)	1	0	0	0	0	1	0	0	0
HOMICIDE & LEGAL INTERVENTION(E960-E978)	1	0	0	0	0	0	0	1	0
RESIDUAL	4	1	1	0	0	0	2	0	0
*TOTAL DEATHS UNKNOWN - FEMALE	44	11	1	1	1	2	13	15	0

TABLE-2 (Continued)

WHITE - UNKNOWN SEX

1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	AGE							
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNK
MALIGNANT NEOPLASMS (140-208)	1	0	0	0	0	0	1	0	0
DISEASES OF THE HEART (390-398,402,404-429)	2	0	0	0	0	0	1	1	0
EARLY INFANT MORTALITY (760-779)	1	1	0	0	0	0	0	0	0
*TOTAL DEATHS WHITE - UNKNOWN SEX	4	1	0	0	0	0	2	1	0
TOTAL	71728	1057	205	237	908	4778	13437	51082	24

TABLE-3

RESIDENT DEATHS -- MALIGNANT NEOPLASMS
BY AGE GROUP
1987

CAUSE	TOTAL	AGE GROUP <1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
A	305	0	0	0	0	12	132	161	0
B	4558	0	1	0	4	116	1115	3322	0
C	4645	0	0	0	0	107	1607	2930	1
D	1608	0	0	0	1	125	575	907	0
E	1740	0	0	0	6	64	377	1292	1
F	716	0	0	1	0	17	164	534	0
G	2090	2	12	16	25	152	626	1257	0
H	542	0	7	16	8	52	117	342	0
I	919	0	1	3	13	68	227	607	0
TOTAL	17123	2	21	36	57	713	4940	11352	2

** CAUSE OF DEATH AND RELATED ICD-9 CODES **

A = LIP, ORAL CAVITY, AND PHARYNX (140-149)
B = DIGESTIVE ORGANS AND PERITONEUM (150-159)
C = RESPIRATORY AND INTRATHORACIC ORGANS (160-165)
D = BREAST (174-175)
E = GENITAL ORGANS (179-187)
F = URINARY ORGANS (188-189)
G = ALL OTHER AND UNSPECIFIED SITES (170-173, 190-199)
H = LEUKEMIA (204-208)
I = OTHER LYMPHATIC AND HEMATOPOIETIC TISSUES (200-203)

TABLE-4

RESIDENT DEATHS -- MALIGNANT NEOPLASMS
BY RACE AND SEX
1987

		TOTAL			WHITE			BLACK			OTHER		
CAUSE	TOTAL	MALE	FEMALE	UNKN	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
A	305	227	78	0	252	183	69	47	39	8	6	5	1
B	4558	2404	2154	0	4043	2126	1917	458	247	211	57	31	26
C	4645	3050	1595	0	4091	2669	1422	520	363	157	34	18	16
D	1608	15	1593	0	1445	13	1432	151	2	149	12	0	12
E	1740	911	829	0	1512	781	731	223	127	96	5	3	2
F	716	487	229	0	669	457	212	42	27	15	5	3	2
G	2090	1133	957	0	1897	1023	874	176	99	77	17	11	6
H	542	321	221	0	481	289	192	52	28	24	9	4	5
I	919	475	443	1	827*	432	394	80	33	47	12	10	2
TOTAL	17123	9023	8099	1	15217	7973	7243	1749	965	784	157	85	72

* TOTAL INCLUDES ONE WHITE DEATH SEX UNKNOWN

** CAUSE OF DEATH AND RELATED ICD-9 CODES **

A = LIP, ORAL CAVITY, AND PHARYNX (140-149)
B = DIGESTIVE ORGANS AND PERITONEUM (150-159)
C = RESPIRATORY AND INTRATHORACIC ORGANS (160-165)
D = BREAST (174-175)
E = GENITAL ORGANS (179-187)
F = URINARY ORGANS (188-189)
G = ALL OTHER AND UNSPECIFIED SITES (170-173, 190-199)
H = LEUKEMIA (204-208)
I = OTHER LYMPHATIC AND HEMATOPOIETIC TISSUES (200-203)

TABLE-5

RESIDENT DEATHS -- BY CAUSE AND COUNTY
1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	COUNTY 1	2	3	4	5	6	7
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	58	4	1	0	4	0	1	24
TUBERCULOSIS, OTHER FORMS (013-018)	16	0	0	0	0	1	0	6
MENINGOCOCCAL INFECTION (036)	6	0	0	0	0	0	0	0
SEPTICEMIA (038)	1042	29	95	40	66	14	18	156
SYPHILIS & ITS SEQUELAE (090-097)	3	1	0	0	0	0	0	0
INFEC/PARA DIS (1-3,5,20-35,37,39-68,98-139)	1139	17	67	27	38	3	7	377
MALIGNANT NEOPLASMS (140-208)	17123	570	2000	656	1078	280	277	1857
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	270	10	35	12	14	5	5	32
DIABETES MELLITUS (250)	1562	47	168	42	104	14	29	195
NUTRITIONAL DEFICIENCIES (260-269)	75	1	6	4	7	5	4	11
ANEMIAS (280-285)	150	6	18	6	8	2	1	21
MENINGITIS (320-322)	44	1	2	0	3	1	0	8
DISEASES OF THE HEART (390-398,402,404-429)	26931	870	3144	1097	1647	480	484	2977
HYPERTENSION (401,403)	244	14	25	5	13	3	5	35
CEREBROVASCULAR DISEASE (430-438)	4478	160	530	196	280	87	85	504
ARTERIOSCLEROSIS (440)	635	36	39	17	28	12	11	48
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	763	21	77	29	41	18	13	84
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	26	1	2	1	5	0	0	4
PNEUMONIA & INFLUENZA (480-487)	2131	83	197	82	104	23	36	244
CHRONIC & UNSPEC BRONCHITIS (490-491)	86	1	4	13	12	1	0	7
EMPHYSEMA (492)	426	10	41	18	27	9	11	29
ASTHMA (493)	89	3	8	3	3	0	3	14
ULCER OF STOMACH & DUODENUM (531-533)	200	6	17	5	12	3	4	19
APPENDICITIS (540-543)	18	0	0	1	0	1	0	3
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	159	4	17	4	8	1	3	17
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	1038	35	89	34	58	21	11	175
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	89	2	11	2	7	1	1	8
NEPHRITIS & NEPHROSIS (580-589)	894	31	78	38	55	18	20	125
INFECTIONS OF KIDNEY (590)	34	1	8	0	1	0	0	4

** COUNTIES **

1= ATLANTIC
2= BERGEN
3= BURLINGTON
4= CAMDEN
5= CAPE MAY
6= CUMBERLAND
7= ESSEX

TABLE-5 (Continued)

1987

CAUSE GROUP AND RELATED ICD-9 CODES	TOTAL	COUNTY 1	2	3	4	5	6	7
HYPERPLASIA OF PROSTRATE (600)	6	0	1	0	0	0	0	1
COMP OF PREGNANCY,BIRTH & PUERPERIUM(630-676)	14	1	0	2	1	0	2	3
CONGENITAL ANOMALIES (740-759)	362	9	35	15	29	6	8	48
EARLY INFANT MORTALITY (760-779)	548	23	28	22	43	8	13	93
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	396	12	56	16	23	3	13	49
MOTOR VEHICLE ACCIDENTS (E810-E825)	1019	59	85	53	60	19	55	80
OTHER ACCIDENTS (E800-E807,E826-E949)	1339	43	136	44	100	22	19	189
SUICIDE (E950-E959)	710	20	72	29	50	3	15	69
HOMICIDE & LEGAL INTERVENTION(E960-E978)	406	21	21	9	34	0	3	128
ALL OTHER EXTERNAL CAUSES (E980-E999)	124	6	13	9	4	1	2	37
RESIDUAL	7075	232	693	308	456	118	129	891
TOTAL	71728	2390	7819	2839	4423	1183	1288	8572

** COUNTIES **

1= ATLANTIC
2= BERGEN
3= BURLINGTON
4= CAMDEN
5= CAPE MAY
6= CUMBERLAND
7= ESSEX

TABLE-5 (Continued)
1987

CAUSE GROUP AND RELATED ICD-9 CODES	COUNTY 8	9	10	11	12	13	14	15
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	0	8	0	2	4	3	0	2
TUBERCULOSIS, OTHER FORMS (013-018)	0	4	0	0	0	0	0	1
MENINGOCOCCAL INFECTION (036)	1	0	0	1	0	2	2	0
SEPTICEMIA (038)	19	103	5	51	63	74	45	93
SYPHILIS & ITS SEQUELAE (090-097)	0	0	0	0	0	1	0	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	19	184	3	21	53	45	29	31
MALIGNANT NEOPLASMS (140-208)	419	1297	160	696	1295	1297	717	1391
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	3	22	3	5	24	22	7	25
DIABETES MELLITUS (250)	48	149	10	67	128	120	53	106
NUTRITIONAL DEFICIENCIES (260-269)	4	2	2	4	2	6	2	4
ANEMIAS (280-285)	3	12	1	10	9	10	9	8
MENINGITIS (320-322)	0	7	0	1	2	4	3	3
DISEASES OF THE HEART (390-398,402,404-429)	596	2140	212	1133	1841	1863	1061	2196
HYPERTENSION (401,403)	5	26	1	9	19	20	9	13
CEREBROVASCULAR DISEASE (430-438)	92	337	42	159	281	333	188	340
ARTERIOSCLEROSIS (440)	44	24	8	18	127	103	17	21
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	19	58	7	50	50	70	28	54
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	2	3	1	0	0	0	0	1
PNEUMONIA & INFLUENZA (480-487)	40	179	33	118	154	149	132	119
CHRONIC & UNSPEC BRONCHITIS (490-491)	1	4	2	2	4	10	5	6
EMPHYSEMA (492)	9	30	4	26	26	32	28	51
ASTHMA (493)	1	7	0	9	6	6	4	2
ULCER OF STOMACH & DUODENUM (531-533)	7	10	2	6	14	24	10	16
APPENDICITIS (540-543)	2	2	1	2	1	2	0	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	2	15	3	11	8	14	6	12
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	26	126	5	47	72	72	46	47
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	1	9	1	6	7	7	3	8
NEPHRITIS & NEPHROSIS (580-589)	15	86	6	34	57	61	20	86
INFECTIONS OF KIDNEY (590)	0	3	2	0	2	2	3	2

** COUNTIES **

3= GLOUCESTER	10= HUNTERDON	12= MIDDLESEX	14= MORRIS
9= HUDSON	11= MERCER	13= MONMOUTH	15= OCEAN

TABLE-5 (Continued)

1987

CAUSE GROUP AND RELATED ICD-9 CODES	COUNTY 8	9	10	11	12	13	14	15
HYPERPLASIA OF PROSTRATE (600)	0	0	1	0	1	1	1	0
COMP OF PREGNANCY,BIRTH & PUERPERIUM(630-676)	1	0	0	0	1	0	0	0
CONGENITAL ANOMALIES (740-759)	5	36	3	19	22	23	18	18
EARLY INFANT MORTALITY (760-779)	17	28	3	50	54	35	19	17
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	8	32	4	16	24	26	13	19
MOTOR VEHICLE ACCIDENTS (E810-E825)	49	46	17	44	97	67	48	66
OTHER ACCIDENTS (E800-E807,E826-E949)	38	121	10	78	105	83	56	56
SUICIDE (E950-E959)	22	63	8	25	47	52	39	56
HOMICIDE & LEGAL INTERVENTION(E960-E978)	12	46	2	17	17	18	7	4
ALL OTHER EXTERNAL CAUSES (E980-E999)	2	17	0	0	1	2	3	2
RESIDUAL	193	635	65	353	502	493	303	495
TOTAL	1725	5871	627	3090	5120	5152	2934	5371

** COUNTIES **

8= GLOUCESTER	10= HUNTERDON	12= MIDDLESEX	14= MORRIS
9= HUDSON	11= MERCER	13= MONMOUTH	15= OCEAN

TABLE-5 (Continued)

1987

CAUSE GROUP AND RELATED ICD-9 CODES	COUNTY 16	17	18	19	20	21	22	23
TUBERCULOSIS, RESPIRATORY SYSTEM (010-012)	3	0	1	0	1	0	0	0
TUBERCULOSIS, OTHER FORMS (013-018)	1	0	2	0	1	0	0	0
SEPTICEMIA (038)	46	7	22	10	75	10	0	1
SYPHILIS & ITS SEQUELAE (090-097)	0	1	0	0	0	0	0	0
INFEC/PARA DIS (1-3,5,20-35,37,39-88,98-139)	88	2	17	5	101	3	1	1
MALIGNANT NEOPLASMS (140-208)	943	144	415	213	1235	179	2	2
BENIGN & UNSPECIFIED NEOPLASMS (210-239)	16	4	3	3	16	4	0	0
DIABETES MELLITUS (250)	109	10	30	15	102	16	0	0
NUTRITIONAL DEFICIENCIES (260-269)	2	1	1	2	4	1	0	0
ANEMIAS (280-285)	8	1	5	1	8	3	0	0
MENINGITIS (320-322)	4	1	1	0	3	0	0	0
DISEASES OF THE HEART (390-398,402,404-429)	1752	275	588	339	1934	297	0	5
HYPERTENSION (401,403)	15	3	4	0	16	4	0	0
CEREBROVASCULAR DISEASE (430-438)	295	44	108	64	306	47	0	0
ARTERIOSCLEROSIS (440)	28	2	5	5	38	4	0	0
ARTERY,ARTERIOLES & CAPILLARY DIS (441-448)	50	7	17	11	54	5	0	0
ACUTE BRONCHITIS & BRONCHIOLITIS (466)	2	0	0	1	3	0	0	0
PNEUMONIA & INFLUENZA (480-487)	109	19	63	33	181	31	0	2
CHRONIC & UNSPEC BRONCHITIS (490-491)	3	1	2	4	4	0	0	0
EMPHYSEMA (492)	18	3	9	1	38	6	0	0
ASTHMA (493)	2	1	2	0	13	2	0	0
ULCER OF STOMACH & DUODENUM (531-533)	9	4	10	5	14	3	0	0
APPENDICITIS (540-543)	0	0	1	0	2	0	0	0
HERNIA & INTESTINAL OBSTRUCTION (550-553,560)	12	0	3	6	11	1	0	1
CHRONIC LIVER DISEASE & CIRRHOSIS (571)	62	11	15	8	74	4	0	0
CHOLELITHIASIS & GALLBLADDER DISEASE(574-575)	3	2	2	1	5	2	0	0
NEPHRITIS & NEPHROSIS (580-589)	56	9	20	8	64	7	0	0
INFECTIONS OF KIDNEY (590)	2	0	0	1	2	1	0	0
COMP OF PREGNANCY,BIRTH & PUERPERIUM(630-676)	0	0	1	0	1	1	0	0

** COUNTIES **

16= PASSAIC	18= SOMERSET	20= UNION	22= STATE INST
17= SALEM	19= SUSSEX	21= WARREN	23= MILITARY

TABLE-5 (Continued)

1987

	COUNTY							
CAUSE GROUP AND RELATED ICD-9 CODES	16	17	18	19	20	21	22	23
CONGENITAL ANOMALIES (740-759)	23	2	8	4	24	5	0	2
EARLY INFANT MORTALITY (760-779)	33	1	16	6	33	5	0	1
SYMPTOMS, SIGNS & ILL-DEFINED COND (780-799)	26	4	13	3	26	10	0	0
MOTOR VEHICLE ACCIDENTS (E810-E825)	43	15	17	23	57	18	0	1
OTHER ACCIDENTS (E800-E807,E826-E949)	62	7	34	20	102	13	1	0
SUICIDE (E950-E959)	42	8	24	6	42	16	0	2
HOMICIDE & LEGAL INTERVENTION(E960-E978)	33	3	3	5	21	2	0	0
ALL OTHER EXTERNAL CAUSES (E980-E999)	15	0	1	1	7	1	0	0
RESIDUAL	377	66	149	86	446	81	1	3
TOTAL	4292	658	1612	890	5064	782	5	21

** COUNTIES **

16= PASSAIC 18= SOMERSET 20= UNION 22= STATE INST
17= SALEM 19= SUSSEX 21= WARREN 23= MILITARY

TABLE-6

RESIDENT DEATHS BY MONTH
1987

COUNTY OF RESIDENCE	TOTAL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	UNKN
ATLANTIC	2390	198	191	236	206	182	192	206	196	190	199	203	191	0
BERGEN	7819	803	624	684	644	628	640	660	596	646	648	614	632	0
BURLINGTON	2839	281	242	242	212	239	229	229	229	198	258	267	213	0
CAMDEN	4423	387	385	384	370	367	329	313	346	338	426	377	401	0
CAPE MAY	1183	110	99	123	77	104	98	118	89	93	90	88	94	0
CUMBERLAND	1288	95	97	130	130	97	101	113	104	91	106	104	120	0
ESSEX	8572	822	673	745	692	712	689	685	715	660	717	704	758	0
GLOUCESTER	1725	150	137	137	143	148	156	146	140	133	139	148	148	0
HUDSON	5871	583	475	526	498	520	475	413	458	435	520	485	483	0
HUNTERDON	627	59	42	56	49	50	56	48	51	46	61	56	53	0
MERCER	3090	307	220	244	252	273	237	241	271	226	271	280	268	0
MIDDLESEX	5120	467	390	479	408	438	399	429	401	412	423	444	430	0
MONMOUTH	5152	510	421	405	418	414	415	422	424	360	475	412	476	0
MORRIS	2934	273	253	253	229	245	202	246	253	228	252	249	251	0
OCEAN	5371	547	450	469	440	442	401	418	418	376	472	459	479	0
PASSAIC	4292	421	348	366	354	372	320	320	336	357	373	346	379	0
SALEM	658	62	55	64	58	54	54	46	52	42	54	56	61	0
SOMERSET	1612	175	127	147	113	131	113	125	132	126	123	144	156	0
SUSSEX	890	96	67	76	73	80	52	65	73	70	74	73	91	0
UNION	5064	489	406	423	384	415	387	405	378	412	471	442	452	0
WARREN	782	70	79	67	67	62	58	65	63	58	60	63	70	0
STATE INST	5	0	0	0	1	1	0	0	0	0	3	0	0	0
MILITARY	21	1	3	5	4	1	2	1	3	0	1	0	0	0
TOTAL	71728	6906	5784	6261	5822	5975	5605	5714	5728	5497	6216	6014	6206	0

TABLE-7

RESIDENT DEATHS -- BY COUNTY AND AGE
1987

COUNTY OF RESIDENCE	TOTAL	AGE GROUP							
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
ATLANTIC	2390	33	4	7	44	133	421	1746	2
BERGEN	7819	62	16	20	65	321	1425	5909	1
BURLINGTON	2839	38	9	10	40	155	603	1984	0
CAMDEN	4423	87	18	15	73	255	878	3097	0
CAPE MAY	1183	14	2	1	10	33	173	950	0
CUMBERLAND	1288	29	3	6	30	78	257	885	0
ESSEX	8572	175	29	33	145	1056	1776	5349	9
GLOUCESTER	1725	32	7	11	35	88	338	1212	2
HUDSON	5871	85	20	14	64	621	1172	3891	4
HUNTERDON	627	7	3	6	14	22	109	466	0
MERCER	3090	72	8	14	48	180	592	2176	0
MIDDLESEX	5120	77	9	16	54	338	1111	3515	0
MONMOUTH	5152	73	10	17	56	272	937	3786	1
MORRIS	2934	39	7	12	44	147	579	2104	2
OCEAN	5371	37	10	12	39	155	698	4420	0
PASSAIC	4292	74	12	16	54	345	729	3060	2
SALEM	658	4	2	1	7	38	131	475	0
SOMERSET	1612	28	7	9	10	108	306	1144	0
SUSSEX	890	11	9	5	12	44	163	646	0
UNION	5064	65	16	12	51	343	905	3671	1
WARREN	782	12	2	0	13	40	130	585	0
STATE INST	5	0	0	0	0	3	0	2	0
MILITARY	21	3	2	0	0	3	4	9	0
TOTAL	71728	1057	205	237	908	4778	13437	51082	24

TABLE-8

RESIDENT DEATHS -- BY COUNTY, SEX, AND AGE
1987

COUNTY OF RESIDENCE	TOTAL	MALE <1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
ATLANTIC	1198	16	1	5	33	89	259	794	1
BERGEN	3929	30	7	15	46	227	879	2724	1
BURLINGTON	1454	14	6	8	28	109	365	924	0
CAMDEN	2214	42	9	11	53	177	525	1397	0
CAPE MAY	577	7	1	1	7	22	99	440	0
CUMBERLAND	714	20	2	4	20	57	156	455	0
ESSEX	4438	96	14	17	103	732	1075	2396	5
GLOUCESTER	880	18	3	10	20	62	195	571	1
HUDSON	3073	44	9	10	53	444	742	1769	2
HUNTERDON	314	3	1	3	12	13	64	218	0
MERCER	1577	38	6	7	28	135	373	990	0
MIDDLESEX	2739	47	7	8	42	232	698	1705	0
MONMOUTH	2536	45	4	9	39	192	551	1696	0
MORRIS	1516	24	4	9	31	106	385	956	1
OCEAN	2915	18	5	9	31	110	422	2320	0
PASSAIC	2157	41	8	9	46	217	477	1357	2
SALEM	349	4	1	1	4	26	78	235	0
SOMERSET	812	13	6	5	4	78	191	515	0
SUSSEX	433	5	3	4	12	25	97	287	0
UNION	2538	37	6	10	34	231	565	1655	0
WARREN	402	7	1	0	9	23	82	280	0
STATE INST	4	0	0	0	0	2	0	2	0
MILITARY	19	2	1	0	0	3	4	9	0
*TOTAL MALE	36788	571	105	155	655	3312	8282	23695	13

TABLE-8 (Continued)

1987

COUNTY OF RESIDENCE	TOTAL	FEMALE							
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
ATLANTIC	1192	17	3	2	11	44	162	952	1
BERGEN	3889	32	9	5	19	94	546	3184	0
BURLINGTON	1385	24	3	2	12	46	238	1060	0
CAMDEN	2209	45	9	4	20	78	353	1700	0
CAPE MAY	606	7	1	0	3	11	74	510	0
CUMBERLAND	574	9	1	2	10	21	101	430	0
ESSEX	4134	79	15	16	42	324	701	2953	4
GLOUCESTER	844	13	4	1	15	26	143	641	1
HUDSON	2797	41	11	4	11	177	429	2122	2
HUNTERDON	313	4	2	3	2	9	45	248	0
MERCER	1513	34	2	7	20	45	219	1186	0
MIDDLESEX	2381	30	2	8	12	106	413	1810	0
MONMOUTH	2616	28	6	8	17	80	386	2090	1
MORRIS	1418	15	3	3	13	41	194	1148	1
OCEAN	2456	19	5	3	8	45	276	2100	0
PASSAIC	2134	33	4	7	8	128	251	1703	0
SALEM	309	0	1	0	3	12	53	240	0
SOMERSET	800	15	1	4	6	30	115	629	0
SUSSEX	457	6	6	1	0	19	66	359	0
UNION	2526	28	10	2	17	112	340	2016	1
WARREN	380	5	1	0	4	17	48	305	0
STATE INST	1	0	0	0	0	1	0	0	0
MILITARY	2	1	1	0	0	0	0	0	0
*TOTAL FEMALE	34936	485	100	82	253	1466	5153	27386	11

TABLE-8 (Continued)

1987

UNKNOWN

COUNTY OF RESIDENCE	TOTAL	<1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
BERGEN	1	0	0	0	0	0	0	1	0
GLOUCESTER	1	1	0	0	0	0	0	0	0
HUDSON	1	0	0	0	0	0	1	0	0
PASSAIC	1	0	0	0	0	0	1	0	0
*TOTAL UNKNOWN	4	1	0	0	0	0	2	1	0
TOTAL	71728	1057	205	237	908	4776	13437	51082	24

TABLE-9

RESIDENT DEATHS -- BY COUNTY, RACE AND AGE
1987

COUNTY OF RESIDENCE	TOTAL	WHITE							
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
ATLANTIC	1912	14	3	5	31	85	306	1466	2
BERGEN	7429	44	14	15	56	264	1310	5725	1
BURLINGTON	2549	26	5	6	33	118	517	1844	0
CAMDEN	3771	52	13	10	55	170	691	2780	0
CAPE MAY	1122	10	2	1	9	30	158	912	0
CUMBERLAND	1111	20	2	4	20	57	207	801	0
ESSEX	5314	34	14	10	41	296	858	4061	0
GLOUCESTER	1541	21	5	10	30	76	297	1101	1
HUDSON	5072	55	12	8	45	412	954	3582	4
HUNTERDON	616	6	3	5	13	21	107	461	0
MERCER	2537	35	2	8	32	102	437	1921	0
MIDDLESEX	4800	60	7	14	43	273	1020	3383	0
MONMOUTH	4662	47	9	15	50	199	803	3538	1
MORRIS	2845	32	5	12	43	135	546	2070	2
OCEAN	5264	34	10	10	38	139	665	4368	0
PASSAIC	3769	48	6	11	35	199	580	2889	1
SALEM	552	1	2	1	6	29	97	416	0
SOMERSET	1537	23	6	8	8	93	289	1110	0
SUSSEX	883	10	9	5	12	43	161	643	0
UNION	4334	33	6	8	34	208	704	3341	0
WARREN	773	11	2	0	13	38	129	580	0
STATE INST	4	0	0	0	0	2	0	2	0
MILITARY	17	2	1	0	0	2	4	8	0
*TOTAL WHITE	62414	618	138	166	647	2991	10840	47002	12

TABLE-9 (Continued)

1987

COUNTY OF RESIDENCE	TOTAL	BLACK <1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
ATLANTIC	457	19	1	2	11	48	102	274	0
BERGEN	283	11	2	3	6	40	78	143	0
BURLINGTON	278	12	3	4	7	36	83	133	0
CAMDEN	631	33	5	3	17	84	182	307	0
CAPE MAY	59	4	0	0	1	3	14	37	0
CUMBERLAND	161	6	1	2	10	21	44	77	0
ESSEX	3150	123	15	21	100	740	886	1258	7
GLOUCESTER	178	10	2	1	5	10	40	109	1
HUDSON	690	25	7	6	16	189	181	266	0
HUNTERDON	6	1	0	0	0	0	0	5	0
MERCER	539	36	6	6	15	78	153	245	0
MIDDLESEX	269	13	0	2	9	60	78	107	0
MONMOUTH	456	23	0	2	6	64	125	236	0
MORRIS	72	4	1	0	1	11	27	28	0
OCEAN	87	2	0	2	0	15	26	42	0
PASSAIC	502	26	6	5	18	136	141	169	1
SALEM	105	3	0	0	1	9	33	59	0
SOMERSET	59	5	1	1	1	14	10	27	0
SUSSEX	5	1	0	0	0	0	2	2	0
UNION	699	32	7	4	15	129	194	317	1
WARREN	8	1	0	0	0	2	1	4	0
STATE INST	1	0	0	0	0	1	0	0	0
MILITARY	4	1	1	0	0	1	0	1	0
*TOTAL BLACK	8699	391	58	64	239	1691	2400	3846	10

TABLE-9 (Continued)
1987

COUNTY OF RESIDENCE	TOTAL	OTHER							
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
ATLANTIC	19	0	0	0	2	0	12	5	0
BERGEN	87	4	0	1	2	15	28	37	0
BURLINGTON	11	0	1	0	0	1	2	7	0
CAMDEN	19	1	0	2	1	0	5	10	0
CAPE MAY	2	0	0	0	0	0	1	1	0
CUMBERLAND	12	1	0	0	0	0	5	6	0
ESSEX	70	2	0	2	4	14	24	24	0
GLOUCESTER	5	0	0	0	0	2	1	2	0
HUDSON	99	5	1	0	3	17	33	40	0
HUNTERDON	3	0	0	1	0	1	1	0	0
MERCER	13	1	0	0	1	0	2	9	0
MIDDLESEX	44	4	2	0	1	5	10	22	0
MONMOUTH	28	3	1	0	0	7	6	11	0
MORRIS	14	2	0	0	0	1	5	6	0
OCEAN	13	1	0	0	1	1	3	7	0
PASSAIC	19	0	0	0	1	8	8	2	0
SALEM	1	0	0	0	0	0	1	0	0
SOMERSET	13	0	0	0	1	1	7	4	0
SUSSEX	2	0	0	0	0	1	0	1	0
UNION	25	0	2	0	1	5	5	12	0
*TOTAL OTHER	499	24	7	6	18	79	159	206	0

TABLE-9 (Continued)
1987

COUNTY OF RESIDENCE	TOTAL	UNKNOWN							
		<1	1-4	5-14	15-24	25-44	45-64	65+	UNKN.
ATLANTIC	2	0	0	0	0	0	1	1	0
BERGEN	20	3	0	1	1	2	9	4	0
BURLINGTON	1	0	0	0	0	0	1	0	0
CAMDEN	2	1	0	0	0	1	0	0	0
CUMBERLAND	4	2	0	0	0	0	1	1	0
ESSEX	38	16	0	0	0	6	8	6	2
GLOUCESTER	1	1	0	0	0	0	0	0	0
HUDSON	10	0	0	0	0	3	4	3	0
HUNTERDON	2	0	0	0	1	0	1	0	0
MERCER	1	0	0	0	0	0	0	1	0
MIDDLESEX	7	0	0	0	1	0	3	3	0
MONMOUTH	6	0	0	0	0	2	3	1	0
MORRIS	3	1	1	0	0	0	1	0	0
OCEAN	7	0	0	0	0	0	4	3	0
PASSAIC	2	0	0	0	0	2	0	0	0
SOMERSET	3	0	0	0	0	0	0	3	0
UNION	6	0	1	0	1	1	2	1	0
WARREN	1	0	0	0	0	0	0	1	0
*TOTAL UNKNOWN	116	24	2	1	4	17	38	28	2

TABLE 10

RESIDENT DEATHS -- MATERNAL, INFANT, PERINATAL, NEONATAL AND FETAL
TOTALS BY COUNTY
1987

COUNTY OF RESIDENCE	NUMBER OF DEATHS MATERNAL	INFANT	PERINATAL	NEONATAL	FETAL
ATLANTIC	1	33	108	28	80
BERGEN	0	62	99	44	55
BURLINGTON	2	38	117	28	89
CAMDEN	1	87	223	58	165
CAPE MAY	0	14	39	11	28
CUMBERLAND	2	29	65	17	48
ESSEX	3	175	279	114	165
GLOUCESTER	1	32	80	20	60
HUDSON	0	85	132	49	83
HUNTERDON	0	7	21	4	17
MERCER	0	72	107	54	53
MIDDLESEX	1	77	138	62	76
MONMOUTH	0	73	108	47	61
MORRIS	0	39	61	25	36
OCEAN	0	37	70	30	40
PASSAIC	0	74	120	44	76
SALEM	0	4	14	2	12
SOMERSET	1	28	49	21	28
SUSSEX	0	11	16	9	7
UNION	1	65	103	39	64
WARREN	1	12	24	11	13
MILITARY	0	3	9	2	7
TOTAL	14	1057	1982	719	1263

TABLE-10 (Continued)

WHITE
1987

COUNTY OF RESIDENCE	NUMBER OF DEATHS MATERNAL	INFANT	PERINATAL	NEONATAL	FETAL
ATLANTIC	0	14	57	11	46
BERGEN	0	44	75	29	46
BURLINGTON	1	26	76	18	58
CAMDEN	0	52	130	34	96
CAPE MAY	0	10	34	9	25
CUMBERLAND	0	20	41	11	30
ESSEX	0	34	64	21	43
GLOUCESTER	1	21	59	14	45
HUDSON	0	55	79	33	46
HUNTERDON	0	6	20	3	17
MERCER	0	35	57	29	28
MIDDLESEX	0	60	105	49	56
MONMOUTH	0	47	75	31	44
MORRIS	0	32	56	23	33
OCEAN	0	34	63	27	36
PASSAIC	0	48	81	30	51
SALEM	0	1	11	0	11
SOMERSET	1	23	40	16	24
SUSSEX	0	10	15	8	7
UNION	1	33	58	19	39
WARREN	1	11	22	10	12
STATE INST	0	0	0	0	0
MILITARY	0	2	3	1	2
*TOTAL WHITE	5	618	1221	426	795

TABLE-10 (Continued

NON-WHITE
1987

COUNTY OF RESIDENCE	NUMBER OF DEATHS				
	MATERNAL	INFANT	PERINATAL	NEONATAL	FETAL
ATLANTIC	1	19	49	17	32
BERGEN	0	15	18	13	5
BURLINGTON	1	12	41	10	31
CAMDEN	1	34	77	23	54
CAPE MAY	0	4	5	2	3
CUMBERLAND	2	7	22	4	18
ESSEX	3	125	172	77	95
GLOUCESTER	0	10	19	5	14
HUDSON	0	30	48	16	32
HUNTERDON	0	1	1	1	0
MERCER	0	37	50	25	25
MIDDLESEX	1	17	33	13	20
MONMOUTH	0	26	29	16	13
MORRIS	0	6	5	2	3
OCEAN	0	3	6	3	3
PASSAIC	0	26	39	14	25
SALEM	0	3	3	2	1
SOMERSET	0	5	9	5	4
SUSSEX	0	1	1	1	0
UNION	0	32	43	20	23
WARREN	0	1	2	1	1
STATE INST	0	0	0	0	0
MILITARY	0	1	6	1	5
*TOTAL NON-WHITE	9	415	678	271	407

TABLE-10 (Continued)

UNKNOWN

1987

COUNTY OF RESIDENCE	NUMBER OF DEATHS MATERNAL	INFANT	PERINATAL	NEONATAL	FETAL
ATLANTIC	0	0	2	0	2
BERGEN	0	3	6	2	4
BURLINGTON	0	0	0	0	0
CAMDEN	0	1	16	1	15
CAPE MAY	0	0	0	0	0
CUMBERLAND	0	2	2	2	0
ESSEX	0	16	43	16	27
GLOUCESTER	0	1	2	1	1
HUDSON	0	0	5	0	5
HUNTERDON	0	0	0	0	0
MERCER	0	0	0	0	0
MIDDLESEX	0	0	0	0	0
MONMOUTH	0	0	4	0	4
MORRIS	0	1	0	0	0
OCEAN	0	0	1	0	1
PASSAIC	0	0	0	0	0
SALEM	0	0	0	0	0
SOMERSET	0	0	0	0	0
SUSSEX	0	0	0	0	0
UNION	0	0	2	0	2
WARREN	0	0	0	0	0
STATE INST	0	0	0	0	0
MILITARY	0	0	0	0	0
*TOTAL UNKNOWN	0	24	83	22	61

TABLE-11

RESIDENT DEATHS -- BY PLACE OF RESIDENCE AND AGE
1987

ATLANTIC COUNTY

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	65+	UNK
ABSECON CITY	84	2	0	0	0	3	3	5	13	17	22	19	0
ATLANTIC CITY	737	13	1	2	14	29	26	38	90	154	191	178	1
BRIGANTINE CITY	97	0	2	0	0	1	1	5	17	26	25	20	0
BUENA BORO	41	1	0	0	1	2	0	2	6	12	14	3	0
BUENA VISTA TWP	45	1	0	0	2	0	2	1	6	12	13	8	0
CORBIN CITY	3	0	0	0	0	0	0	0	1	0	2	0	0
EGG HARBOR CITY	52	0	0	0	0	3	1	2	10	12	18	6	0
EGG HARBOR TWP	104	5	0	0	3	1	2	8	24	32	16	13	0
ESTELL MANOR CITY	7	0	0	0	0	0	0	2	2	1	1	1	0
FOLSOM BORO	19	0	0	0	0	2	1	1	4	4	5	2	0
GALLOWAY TWP	62	1	0	0	3	3	4	2	7	14	13	15	0
HAMILTON TWP	120	1	0	1	6	3	2	9	14	24	40	20	0
HAMMONTON TOWN	177	1	0	1	5	7	6	4	27	39	57	30	0
LINWOOD CITY	68	0	0	0	0	3	1	5	6	16	16	20	1
LONGPORT BORO	22	0	0	0	0	0	0	0	1	4	8	9	0
MARGATE CITY	117	0	0	0	2	2	2	1	16	24	37	33	0
MULLICA TWP	28	0	0	1	2	0	2	0	5	10	7	1	0
NORTHFIELD CITY	80	1	1	2	0	0	1	3	9	26	20	17	0
PLEASANTVILLE CITY	207	6	0	0	4	2	5	11	21	51	58	49	0
PORT REPUBLIC CITY	7	0	0	0	1	0	0	1	2	0	2	1	0
SOMERS POINT CITY	146	1	0	0	1	2	2	3	13	34	51	39	0
VENTNOR CITY	153	0	0	0	0	4	4	6	14	34	49	42	0
WEYMOUTH TWP	14	0	0	0	0	0	1	0	4	4	3	2	0
*TOTAL ATLANTIC	2390	33	4	7	44	67	66	109	312	550	668	528	2

TABLE-11 (Continued)

1987

BERGEN COUNTY

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
ALLENDALE BORO	48	0	0	0	0	1	1	3	3	6	17	17	0
ALPINE BORO	2	0	0	0	0	0	0	0	0	1	1	0	0
BERGENFIELD BORO	240	2	0	3	7	3	7	11	31	48	76	52	0
BOGOTA BORO	75	0	0	0	3	0	3	3	8	23	17	18	0
CARLSTADT BORO	60	1	0	0	0	0	2	0	9	16	13	19	0
CLIFFSIDE PARK BORO	247	0	1	0	1	4	8	7	31	65	57	73	0
CLOSTER BORO	68	0	1	2	1	1	2	2	9	15	18	17	0
CRESSKILL BORO	73	1	0	1	2	1	1	2	9	16	15	25	0
DEMAREST BORO	44	0	0	0	0	1	0	1	6	9	14	13	0
DUMONT BORO	180	1	0	1	2	3	3	6	21	39	59	45	0
EAST RUTHERFORD BORO	91	1	0	0	0	2	3	3	13	21	30	18	0
EDGEWATER BORO	48	2	0	0	1	2	2	4	7	11	10	9	0
ELMWOOD PARK BORO	194	1	0	1	2	4	4	10	21	63	60	28	0
EMERSON BORO	64	0	0	0	0	0	0	1	12	13	22	16	0
ENGLEWOOD CITY	260	4	2	0	3	7	6	18	39	51	72	58	0
ENGLEWOOD CLIFFS BORO	39	1	0	0	0	1	1	2	3	5	13	13	0
FAIR LAWN BORO	335	3	0	0	3	0	10	19	46	86	99	69	0
FAIRVIEW BORO	139	5	1	0	1	3	3	7	16	33	39	31	0
FORT LEE BORO	338	2	0	0	1	6	8	19	33	80	111	78	0
FRANKLIN LAKES BORO	49	0	0	1	2	0	1	4	6	14	12	9	0
GARFIELD CITY	310	1	2	0	2	7	7	9	41	82	92	67	0
GLEN ROCK BORO	71	1	0	0	1	1	1	5	9	21	14	18	0
HACKENSACK CITY	364	2	1	0	5	18	11	23	52	64	94	94	0
HARRINGTON PARK BORO	22	0	0	0	0	1	1	1	2	9	4	4	0
HASBROUCK HEIGHTS BORO	134	1	0	0	0	5	0	5	21	35	40	27	0
HAWORTH BORO	46	1	0	1	0	0	0	0	9	12	14	9	0
HILLSDALE BORO	78	2	0	0	0	1	1	4	5	17	31	17	0
HOHOKUS BORO	32	1	0	0	1	0	0	1	4	7	11	7	0
LEONIA BORO	68	0	0	0	0	1	0	2	11	14	22	18	0
LITTLE FERRY BORO	96	1	0	0	0	3	3	6	9	24	33	17	0
LODI BORO	232	1	1	0	2	5	6	12	37	61	58	49	0
LYNDHURST TWP	237	2	1	0	1	3	9	14	33	67	65	42	0
MAHWAH TWP	91	1	0	1	1	0	4	5	10	21	33	15	0

TABLE-II (Continued)

1987

BERGEN COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
						AGE GROUP							
MAYWOOD BORO	122	1	0	0	1	1	5	1	18	32	36	27	0
MIDLAND PARK BORO	67	1	0	0	0	1	1	4	6	18	17	19	0
MONTVALE BORO	41	0	0	0	0	0	0	2	7	11	12	9	0
MOONACHIE BORO	27	0	0	0	0	0	1	3	9	9	3	2	0
NEW MILFORD BORO	169	2	0	0	0	3	6	6	27	39	55	31	0
NORTH ARLINGTON BORO	207	0	0	0	0	5	3	7	30	59	65	38	0
NORTHVALE BORO	20	0	0	0	0	0	0	0	1	3	8	8	0
NORWOOD BORO	44	0	1	0	1	0	3	1	8	9	13	8	0
OAKLAND BORO	89	0	0	1	0	2	1	5	12	19	26	23	0
OLD TAPPAN BORO	26	0	0	1	0	0	2	1	1	4	5	12	0
ORADELL BORO	70	2	0	0	2	0	0	4	6	16	25	15	0
PALISADES PARK BORO	143	0	0	0	2	3	4	7	22	28	47	29	1
PARAMUS BORO	227	1	0	0	2	3	6	13	40	48	59	55	0
PARK RIDGE BORO	60	0	0	1	0	1	0	1	8	15	23	11	0
RAMSEY BORO	66	0	0	0	0	0	2	2	14	11	19	18	0
RIDGEFIELD BORO	118	1	0	0	1	1	2	3	16	30	42	22	0
RIDGEFIELD PARK TWP	87	0	1	0	1	2	4	3	12	20	30	14	0
RIDGEWOOD VIL	192	2	0	0	2	2	4	8	18	37	57	62	0
RIVER EDGE BORO	117	2	2	0	1	1	4	5	9	22	38	33	0
RIVER VALE TWP	65	0	0	0	0	0	2	5	11	14	12	21	0
ROCHELLE PARK TWP	98	2	0	0	0	0	2	2	10	31	29	22	0
ROCKLEIGH BORO	1	0	0	0	0	0	0	0	1	0	0	0	0
RUTHERFORD BORO	180	2	1	0	1	1	4	6	26	34	69	36	0
SADDLE BROOK TWP	131	1	0	0	0	4	4	6	20	37	35	24	0
SADDLE RIVER BORO	14	0	0	0	1	0	0	3	2	0	6	2	0
SOUTH HACKENSACK TWP	21	0	0	0	0	0	0	0	3	10	4	4	0
TEANECK TWP	339	4	1	2	2	7	9	34	43	59	93	85	0
TENAFLY BORO	100	0	0	1	0	0	2	3	12	21	30	31	0
UPPER SADDLE RIVER BORO	38	0	0	0	1	0	1	0	7	12	8	9	0
WALDWICK BORO	72	1	0	0	0	3	1	1	15	18	20	13	0
WALLINGTON BORO	122	0	0	0	0	5	2	7	22	37	29	20	0
WASHINGTON TWP	48	1	0	2	2	0	0	4	8	12	12	7	0
WESTWOOD BORO	121	1	0	1	2	1	1	7	12	24	31	41	0
WOOD-RIDGE BORO	61	0	0	0	0	3	0	2	8	9	20	19	0
WOODCLIFF LAKE BORO	28	0	0	0	0	0	0	2	3	9	8	6	0
WYCKOFF TWP	113	0	0	0	1	1	3	3	22	16	32	35	0
*TOTAL BERGEN	7819	62	16	20	65	134	187	370	1055	1822	2284	1803	1

TABLE-II (Continued)

1987

BURLINGTON COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
						AGE GROUP							
BASS RIVER TWP	12	0	0	0	0	1	1	1	0	3	3	3	0
BEVERLY CITY	42	0	0	0	0	4	0	1	10	7	8	12	0
BORDENTOWN CITY	72	0	0	0	0	3	1	1	14	20	20	13	0
BORDENTOWN TWP	58	2	0	1	0	1	0	8	8	22	11	5	0
BURLINGTON CITY	145	6	0	1	1	5	2	7	16	37	41	29	0
BURLINGTON TWP	93	1	0	0	1	1	5	5	11	22	24	23	0
CHESTERFIELD TWP	16	0	0	0	0	0	0	0	3	6	3	4	0
CINNAMINSON TWP	125	0	0	0	2	2	1	5	23	32	27	33	0
DELANCO TWP	49	0	0	0	1	2	1	2	8	16	9	10	0
DELRAN TWP	83	0	0	0	0	6	1	6	11	19	19	21	0
EASTAMPTON TWP	3	0	0	0	0	0	1	0	0	1	1	0	0
EDGEWATER PARK TWP	42	0	0	0	1	1	2	1	11	10	13	3	0
EVESHAM TWP	151	4	0	0	3	4	2	12	21	38	41	26	0
FIELDSBORO BORO	7	0	0	0	0	0	0	0	4	1	1	1	0
FLORENCE TWP	108	2	0	0	1	1	4	3	14	32	34	17	0
HAINESPORT TWP	19	1	0	0	0	1	1	1	3	4	6	2	0
LUMBERTON TWP	29	0	0	0	0	0	0	0	1	8	12	8	0
MANSFIELD TWP	16	0	0	0	0	1	1	0	1	1	7	5	0
MAPLE SHADE TWP	214	0	1	0	0	3	2	13	36	74	62	23	0
MEDFORD LAKES BORO	27	0	0	1	1	0	2	3	5	5	3	7	0
MEDFORD TWP	140	1	1	0	1	1	6	6	17	29	33	45	0
MOORESTOWN TWP	192	1	1	1	5	3	1	9	5	40	53	73	0
MOUNT HOLLY TWP	175	2	2	0	1	2	6	13	33	46	42	28	0
MOUNT LAUREL TWP	119	1	0	0	2	3	3	11	12	30	30	27	0
NEW HANOVER TWP	1	0	0	0	0	0	0	0	0	1	0	0	0
NORTH HANOVER TWP	11	1	0	0	0	0	1	0	2	3	3	1	0
PALMYRA BORO	76	0	0	1	0	2	2	5	10	17	24	15	0
PEMBERTON BORO	26	3	0	0	1	1	2	4	3	7	3	2	0
PEMBERTON TWP	175	2	2	1	2	8	11	15	35	44	37	18	0
RIVERSIDE TWP	101	1	0	0	3	0	2	5	14	20	41	15	0
RIVERTON BORO	14	1	0	0	1	0	0	0	0	3	6	3	0
SHAMONG TWP	17	0	0	0	0	0	1	5	1	5	3	2	0
SOUTHAMPTON TWP	147	0	0	0	0	2	2	4	12	47	60	20	0

TABLE-11 (Continued)

1987

BURLINGTON COUNTY

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
SPRINGFIELD TWP	14	0	0	0	1	0	1	1	4	3	4	0	0
TABERNACLE TWP	36	0	0	1	4	0	1	5	5	6	11	3	0
WASHINGTON TWP	3	0	0	0	0	0	0	0	0	0	2	1	0
WESTAMPTON TWP	6	0	0	0	0	0	0	1	1	2	1	1	0
WILLINGBORO TWP	237	7	2	3	7	15	14	27	57	41	34	30	0
WOODLAND TWP	7	1	0	0	1	0	0	0	1	3	0	1	0
WRIGHTSTOWN BORO	31	1	0	0	0	1	1	6	5	12	4	1	0
*TOTAL BURLINGTON	2839	38	9	10	40	74	81	186	417	717	736	531	0

1987

CAMDEN COUNTY

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
AUDUBON BORO	93	2	0	0	0	0	1	6	13	25	28	18	0
AUDUBON PARK BORO	19	0	0	0	0	0	0	2	2	7	4	4	0
BARRINGTON BORO	58	1	0	0	0	0	0	2	8	18	18	11	0
BELLMAWR BORO	128	2	1	0	0	3	2	8	16	51	27	18	0
BERLIN BORO	100	1	0	0	3	0	5	6	12	26	26	21	0
BERLIN TWP	21	0	0	0	2	0	0	2	4	4	7	2	0
BROOKLAWN BORO	26	1	0	0	1	0	0	0	3	9	9	3	0
CAMDEN CITY	855	37	10	8	23	44	60	78	130	192	177	96	0
CHERRY HILL TWP	594	2	1	2	11	11	14	26	69	138	157	163	0
CHESILHURST BORO	9	0	0	0	0	0	0	1	3	1	2	2	0
CLEMENTON BORO	82	1	1	0	0	2	2	8	10	22	27	9	0
COLLINGSWOOD BORO	222	1	1	0	1	3	3	9	15	45	76	68	0
GIBBSBORO BORO	27	0	0	1	0	1	2	1	4	6	4	8	0
GLOUCESTER CITY	196	4	0	0	1	4	7	10	36	53	48	33	0
GLOUCESTER TWP	224	1	0	0	8	3	5	17	33	58	59	40	0
HADDON HEIGHTS BORO	81	2	0	0	0	2	2	3	11	15	28	18	0
HADDON TWP	180	2	0	0	2	2	2	7	18	49	54	44	0

TABLE-II (Continued)

1987

CAMDEN COUNTY

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
HADDONFIELD BORO	111	2	0	0	0	3	0	6	12	31	31	26	0
HI-NELLA BORO	8	0	0	0	2	0	1	0	1	2	0	2	0
LAUREL SPRINGS BORO	14	0	0	0	0	1	0	2	3	1	5	2	0
LAWNSIDE BORO	44	1	0	0	0	1	1	2	8	11	14	6	0
LINDENWOLD BORO	106	1	1	1	1	5	8	8	19	28	20	14	0
MAGNOLIA BORO	46	3	0	1	0	1	0	4	8	14	7	8	0
MERCHANTVILLE BORO	58	1	0	0	0	0	1	2	5	11	18	20	0
MOUNT EPHRAIM BORO	62	0	0	0	0	2	0	3	10	15	16	16	0
OAKLYN BORO	67	0	0	0	0	2	2	2	7	23	23	8	0
PENNSAUKEN TWP	383	8	0	1	5	7	6	16	55	93	110	82	0
PINE HILL BORO	56	0	0	0	3	0	2	3	8	19	14	7	0
RUNNEMEDE BORO	78	1	0	0	0	0	1	5	17	17	25	12	0
SOMERDALE BORO	63	2	1	0	4	2	2	5	7	24	9	7	0
STRATFORD BORO	73	2	0	0	0	1	0	4	15	20	18	13	0
VOORHEES TWP	101	4	1	0	0	1	5	5	16	21	26	22	0
WATERFORD TWP	81	0	1	0	2	1	4	8	11	19	23	12	0
WINSLOW TWP	123	5	0	1	4	3	8	9	14	32	29	18	0
WOOD-LYNNE BORO	34	0	0	0	0	3	1	0	5	13	8	4	0
*TOTAL CAMDEN	4423	87	18	15	73	108	147	270	608	1113	1147	837	0

TABLE-11 (Continued)

1987

CAPE MAY COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
						AGE GROUP							
AVALON BORO	34	0	0	0	0	0	1	2	2	16	7	6	0
CAPE MAY CITY	95	2	0	0	0	0	4	4	7	17	37	24	0
CAPE MAY POINT BORO	5	0	0	0	0	0	0	0	0	2	0	3	0
DENNIS TWP	43	0	0	0	0	0	1	2	2	8	11	19	0
LOWER TWP	244	2	1	0	2	3	2	7	30	71	82	44	0
MIDDLE TWP	186	2	0	0	2	2	1	9	27	38	62	43	0
NORTH WILDWOOD CITY	64	2	0	0	1	0	2	1	7	17	13	21	0
OCEAN CITY	216	2	0	0	2	1	5	4	31	43	71	57	0
SEA ISLE CITY	36	1	0	0	1	1	0	1	4	10	14	4	0
STONE HARBOR BORO	22	1	0	0	0	0	0	1	1	2	13	4	0
UPPER TWP	70	0	0	1	1	0	0	1	5	26	26	10	0
WEST CAPE MAY BORO	15	0	0	0	0	0	0	0	1	3	6	5	0
WEST WILDWOOD BORO	3	0	0	0	0	1	1	0	0	1	0	0	0
WILDWOOD CITY	87	1	0	0	1	0	3	2	15	22	21	22	0
WILDWOOD CREST BORO	44	1	1	0	0	0	0	0	2	13	15	12	0
WOODBINE BORO	19	0	0	0	0	1	4	2	3	5	3	1	0
*TOTAL CAPE MAY	1183	14	2	1	10	9	24	36	137	294	381	275	0

CUMBERLAND COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
						AGE GROUP							
BRIDGETON CITY	307	9	0	2	10	10	8	14	49	64	83	58	0
COMMERCIAL TWP	30	0	0	2	1	2	1	3	3	8	4	6	0
DEERFIELD TWP	21	1	0	0	2	1	1	1	1	2	8	4	0
DOWNE TWP	16	1	0	0	1	0	0	0	1	6	3	4	0
FAIRFIELD TWP	21	1	0	0	1	0	0	1	4	5	6	3	0
GREENWICH TWP	7	0	0	0	0	1	1	0	0	1	3	1	0
HOPEWELL TWP	27	0	0	0	0	0	1	1	4	4	12	5	0
LAWRENCE TWP	21	0	0	0	0	0	1	0	2	10	5	3	0
MAURICE RIVER TWP	23	0	0	1	0	0	0	1	4	7	9	1	0
MILLVILLE CITY	294	6	3	0	3	14	11	20	35	66	77	59	0
SHILOH BORO	2	0	0	0	0	0	0	0	0	1	0	1	0
STOW CREEK TWP	7	0	0	0	0	0	1	0	0	3	2	1	0
UPPER DEERFIELD TWP	53	2	0	0	0	3	1	1	11	11	15	9	0
VINELAND CITY	459	9	0	1	12	8	13	30	71	96	120	99	0
*TOTAL CUMBERLAND	1288	29	3	6	30	39	39	72	185	284	347	254	0

TABLE-11 (Continued)

1987

ESSEX COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
BELLEVILLE TOWN	371	5	0	0	4	6	11	15	62	94	105	69	0
BLOOMFIELD TOWN	527	1	3	0	3	7	13	18	74	128	173	107	0
CALDWELL BORO	119	0	1	0	0	3	1	4	8	16	47	39	0
CEDAR GROVE TWP	122	0	0	0	0	2	2	8	17	24	40	29	0
EAST ORANGE CITY	890	27	2	4	12	65	66	85	118	188	174	148	1
ESSEX FELLS BORO	15	0	0	0	0	1	1	0	2	3	4	4	0
FAIRFIELD BORO	46	0	0	0	0	3	3	5	5	12	11	7	0
GLEN RIDGE BORO	70	0	0	0	3	2	1	3	8	9	20	24	0
IRVINGTON TOWN	603	13	0	4	11	33	48	41	80	116	146	110	1
LIVINGSTON TWP	203	2	1	1	2	5	4	13	22	72	39	42	0
MAPLEWOOD TWP	239	2	0	0	2	0	7	6	19	48	89	65	1
MILLBURN TWP	172	0	2	0	2	3	2	3	17	39	67	37	0
MONTCLAIR TOWN	388	5	0	1	4	4	18	12	37	62	103	142	0
NEWARK CITY	3192	97	20	21	66	310	341	330	516	584	531	350	6
NORTH CALDWELL BORO	19	0	0	0	1	0	0	0	5	2	5	6	0
NUTLEY TOWN	339	3	0	0	2	6	8	17	46	89	82	86	0
ORANGE CITY	353	10	0	0	5	16	29	22	45	81	85	60	0
ROSELAND BORO	54	1	0	0	2	1	0	3	8	9	20	10	0
SOUTH ORANGE VIL	126	0	0	1	1	3	5	6	13	23	39	35	0
VERONA BORO	155	3	0	0	2	2	2	6	11	34	59	36	0
WEST CALDWELL BORO	89	0	0	0	1	3	0	1	7	27	28	22	0
WEST ORANGE TOWN	480	6	0	1	2	7	12	10	48	88	152	154	0
*TOTAL ESSEX	8572	175	29	53	145	482	574	608	1168	1748	2019	1582	9

TABLE-11 (Continued)

1987

GLOUCESTER COUNTY

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
CLAYTON BORO	39	0	0	0	0	1	4	2	10	5	8	9	0
DEPTFORD TWP	154	5	0	0	3	4	4	8	25	52	32	21	0
EAST GREENWICH TWP	46	0	0	0	0	2	0	1	7	11	13	12	0
ELK TWP	13	1	0	0	0	0	0	1	2	4	5	0	0
FRANKLIN TWP	90	2	1	2	3	2	4	13	7	21	22	13	0
GLASSBORO BORO	105	4	1	1	2	4	1	6	16	21	32	17	0
GREENWICH TWP	68	0	1	1	2	3	1	1	9	19	23	8	0
HARRISON TWP	51	1	0	2	2	1	3	3	4	16	11	8	0
LOGAN TWP	10	1	0	0	0	1	2	0	0	1	4	1	0
MANTUA TWP	138	5	0	1	3	3	2	8	25	34	31	26	0
MONROE TWP	183	0	0	0	3	1	6	15	29	55	49	25	0
NATIONAL PARK BORO	39	0	0	2	0	0	2	1	9	13	9	2	1
NEWFIELD BORO	31	2	0	0	0	0	1	3	3	8	12	2	0
PAULSBORO BORO	89	3	1	0	1	0	5	3	9	26	20	21	0
PITMAN BORO	106	1	1	0	1	0	5	2	10	25	24	37	0
SOUTH HARRISON TWP	4	0	0	0	1	0	0	1	0	2	0	0	0
SWEDESBORO BORO	31	0	0	0	0	0	2	4	4	8	7	6	0
WASHINGTON TWP	117	4	0	1	7	1	4	8	19	34	21	18	0
WENONAH BORO	53	0	1	0	1	0	1	2	6	18	11	13	0
WEST DEPTFORD TWP	84	1	0	0	3	2	4	7	13	22	18	14	0
WESTVILLE BORO	62	0	0	1	1	0	2	3	10	19	18	8	0
WOODBURY CITY	176	1	1	0	2	3	5	5	19	35	55	49	1
WOODBURY HEIGHTS BORO	30	1	0	0	0	1	1	0	5	8	9	5	0
WOOLWICH TWP	6	0	0	0	0	0	0	0	0	0	5	1	0
*TOTAL GLOUCESTER	1725	32	7	11	35	29	59	97	241	457	439	316	2

TABLE-II (Continued)
1987

HUDSON COUNTY

		AGE GROUP											
RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
BAYONNE CITY	795	5	0	1	3	26	24	36	114	234	223	128	1
EAST NEWARK BORO	20	0	0	0	0	2	0	0	4	6	4	4	0
GUTTENBERG TOWN	63	4	0	0	1	2	6	5	8	3	19	15	0
HARRISON TOWN	142	3	1	1	1	5	3	9	30	33	37	19	0
HOBOKEN CITY	338	1	1	1	2	16	20	15	54	84	84	59	1
JERSEY CITY	2483	49	13	10	35	167	207	169	330	539	542	420	2
KEARNY TOWN	384	6	1	0	5	8	9	20	58	106	95	76	0
NORTH BERGEN TWP	543	2	1	0	6	14	19	29	66	119	168	119	0
SECAUCUS TOWN	155	0	0	0	1	3	9	13	23	41	43	22	0
UNION CITY	470	9	2	0	2	21	30	31	70	96	121	88	0
WEEHAWKEN TWP	114	1	0	0	1	7	5	3	16	26	34	21	0
WEST NEW YORK TOWN	364	5	1	1	7	10	8	22	47	72	112	79	0
*TOTAL HUDSON	5871	85	20	14	64	281	340	352	820	1359	1482	1050	4

TABLE-11 (Continued)

1987

HUNTERDON COUNTY

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
ALEXANDRIA TWP	17	0	0	0	0	0	1	1	4	3	6	2	0
BETHELEM TWP	5	0	0	0	0	0	0	1	1	0	2	1	0
BLOOMSBURY BORO	10	0	0	0	0	1	1	2	1	3	1	1	0
CALIFON BORO	7	0	0	0	0	0	0	0	1	2	1	3	0
CLINTON TOWN	24	0	0	0	1	0	1	3	1	7	7	4	0
CLINTON TWP	24	0	0	1	0	0	0	3	6	2	8	4	0
DELAWARE TWP	20	0	0	1	0	0	2	2	2	3	3	7	0
EAST AMWELL TWP	19	0	0	0	2	0	0	0	2	5	8	2	0
FLEMINGTON BORO	62	1	1	2	2	1	1	4	8	10	20	12	0
FRANKLIN TWP	22	2	0	0	0	0	1	0	2	6	5	6	0
FRENCHTOWN BORO	17	1	0	0	0	0	0	0	1	6	7	2	0
GLEN GARDNER BORO	24	0	1	0	0	0	0	1	3	3	8	8	0
HAMPTON BORO	13	0	0	0	0	1	0	0	1	5	6	0	0
HIGH BRIDGE BORO	23	0	0	0	0	1	0	1	5	1	9	6	0
HOLLAND TWP	16	0	1	0	1	0	0	0	3	2	4	5	0
KINGWOOD TWP	21	0	0	0	1	0	1	1	2	4	8	4	0
LAMBERTVILLE CITY	54	1	0	0	1	0	0	1	2	23	18	8	0
LEBANON BORO	18	0	0	1	0	2	1	0	3	2	4	5	0
LEBANON TWP	41	0	0	0	1	0	3	4	5	8	12	8	0
MILFORD BORO	21	0	0	0	2	0	0	1	4	2	6	6	0
RARITAN TWP	61	1	0	0	1	0	2	0	6	14	17	20	0
READINGTON TWP	68	1	0	1	2	1	1	6	10	13	17	16	0
STOCKTON BORO	3	0	0	0	0	0	0	0	1	0	2	0	0
TEWKSBURY TWP	15	0	0	0	0	0	0	0	2	5	3	5	0
UNION TWP	21	0	0	0	0	0	0	0	1	6	6	8	0
WEST AMWELL TWP	1	0	0	0	0	0	0	1	0	0	0	0	0
*TOTAL HUNTERDON	627	7	3	6	14	7	15	32	77	135	188	143	0

TABLE-11 (Continued)

1987

MERCER COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
EAST WINDSOR TWP	116	5	0	1	6	3	8	13	7	17	27	29	0
EWING TWP	349	4	0	0	2	5	8	22	41	87	105	75	0
HAMILTON TWP	772	15	1	2	14	11	15	36	106	211	202	159	0
HIGHTSTOWN BORO	66	0	0	0	0	0	0	1	7	10	30	18	0
HOPEWELL BORO	4	0	0	0	0	0	0	0	1	0	0	3	0
HOPEWELL TWP	83	2	0	0	1	3	3	4	11	18	19	22	0
LAWRENCE TWP	157	4	0	0	1	4	2	6	16	40	41	43	0
PENNINGTON BORO	21	1	0	0	1	0	0	0	3	6	4	6	0
PRINCETON BORO	99	3	0	1	0	0	0	4	9	21	34	27	0
PRINCETON TWP	83	0	0	0	2	2	1	2	8	16	22	30	0
TRENTON CITY	1263	36	7	10	18	53	60	81	198	309	285	206	0
WASHINGTON TWP	36	1	0	0	0	0	1	3	7	9	11	4	0
WEST WINDSOR TWP	41	1	0	0	3	1	0	1	5	9	9	12	0
*TOTAL MERCER	3090	72	8	14	48	82	98	173	419	753	789	634	0

TABLE-11 (Continued)

1987

MIDDLESEX COUNTY

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
CARTERET BORO	196	6	0	0	1	5	8	16	33	62	40	25	0
CRANBURY TWP	92	2	0	0	0	0	0	2	11	36	26	15	0
DUNELLEN BORO	59	0	0	0	0	3	1	2	7	13	17	16	0
EAST BRUNSWICK TWP	239	3	0	2	3	6	16	12	40	64	52	41	0
EDISON TWP	593	9	2	1	6	11	21	35	97	155	160	96	0
HELMETTA BORO	13	0	0	0	0	0	0	1	1	3	5	3	0
HIGHLAND PARK BORO	118	1	0	0	0	2	1	2	21	28	40	23	0
JAMESBURG BORO	61	0	0	0	0	4	1	3	5	18	15	15	0
METUCHEN BORO	142	1	0	0	1	4	5	9	25	42	35	20	0
MIDDLESEX BORO	117	2	1	0	1	5	6	9	17	36	25	15	0
MILLTOWN BORO	71	0	0	0	2	1	3	2	8	20	20	15	0
MONROE TWP	168	1	0	1	0	1	2	9	19	42	57	36	0
NEW BRUNSWICK CITY	378	7	2	3	6	17	23	21	68	85	86	60	0
NORTH BRUNSWICK TWP	169	3	1	0	2	7	6	11	25	46	42	26	0
OLD BRIDGE TWP	331	6	0	1	5	13	18	22	66	74	84	42	0
PERTH AMBOY CITY	409	9	0	1	1	11	13	21	55	105	120	73	0
PISCATAWAY TWP	219	4	1	1	5	12	12	11	34	55	43	41	0
PLAINSBORO TWP	35	0	1	0	1	7	3	3	4	7	6	3	0
SAYREVILLE BORO	304	3	1	1	3	4	9	19	62	86	71	45	0
SOUTH AMBOY CITY	144	4	0	0	1	2	7	5	17	33	48	27	0
SOUTH BRUNSWICK TWP	94	0	0	0	3	1	6	7	12	26	28	11	0
SOUTH PLAINFIELD BORO	163	2	0	0	2	1	3	10	25	48	39	33	0
SOUTH RIVER BORO	139	2	0	0	1	4	6	8	25	35	38	20	0
SPOTSWOOD BORO	83	1	0	2	1	0	1	7	18	21	23	9	0
WOODBRIDGE TWP	783	11	0	3	9	23	23	41	128	215	209	121	0
*TOTAL MIDDLESEX	5120	77	9	16	54	144	194	288	823	1355	1329	831	0

TABLE-11 (Continued)

1987

MONMOUTH COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
						AGE GROUP							
ABERDEEN TWP	90	1	1	0	0	4	3	7	17	22	23	12	0
ALLENHURST BORO	13	0	0	0	0	0	1	1	0	5	3	3	0
ALLENTOWN BORO	18	0	0	0	0	0	0	1	2	2	7	6	0
ASBURY PARK CITY	246	8	0	0	0	11	13	14	38	45	64	53	0
ATLANTIC HIGHLANDS BORO	68	0	0	0	0	5	1	3	7	10	27	15	0
AVON-BY-THE-SEA BORO	36	0	0	0	0	0	1	2	4	4	13	12	0
BELMAR BORO	96	0	0	0	1	2	3	5	9	28	33	15	0
BRADLEY BEACH BORO	54	1	0	0	0	1	1	2	8	14	16	11	0
BRIELLE BORO	42	0	0	0	0	2	1	4	7	8	9	11	0
COLTS NECK TOWNSHIP	36	0	0	0	3	0	1	1	1	9	12	9	0
DEAL BORO	17	0	0	0	0	0	0	0	4	4	3	6	0
EATONTOWN BORO	101	2	0	0	2	1	1	5	16	33	20	21	0
ENGLISHTOWN BORO	78	1	0	0	1	1	4	4	8	26	22	11	0
FAIR HAVEN BORO	42	1	0	0	2	0	0	2	12	7	11	7	0
FARMINGDALE BORO	18	0	0	0	0	0	0	1	6	5	1	5	0
FREEHOLD BORO	81	4	0	0	2	2	7	5	7	25	17	12	0
FREEHOLD TWP	221	3	1	1	0	5	6	11	21	48	77	48	0
HAZLET TWP	174	1	0	1	1	3	5	13	34	41	43	32	0
HIGHLANDS BORO	64	0	0	0	3	3	2	3	8	20	17	8	0
HOLMDEL TWP	79	0	0	0	1	1	0	3	13	12	27	22	0
HOWELL TWP	186	5	2	1	2	6	12	9	26	41	53	29	0
INTERLAKEN BORO	18	0	0	1	0	0	0	0	3	5	4	5	0
KEANSBURG BORO	155	2	1	0	1	3	8	7	32	44	40	17	0
KEYPORT BORO	105	0	0	1	2	3	3	6	12	26	29	23	0
LITTLE SILVER BORO	42	0	0	0	1	1	1	3	5	6	13	12	0
LOCH ARBOUR VILLAGE	3	0	0	0	0	0	0	0	0	2	0	1	0
LONG BRANCH CITY	344	5	3	1	7	4	15	11	41	81	99	76	1
MANALAPAN TWP	110	2	0	1	2	2	3	10	15	31	32	12	0
MANASQUAN BORO	115	3	0	0	2	1	2	2	15	24	44	22	0
MARLBORO TWP	109	1	1	2	0	4	6	13	13	31	22	16	0
MATAWAN BORO	146	1	0	0	1	3	1	5	26	36	43	30	0
MIDDLETOWN TWP	536	6	0	2	8	11	14	24	83	132	157	99	0
MILLSTONE TWP	41	0	0	0	0	0	0	3	8	11	12	7	0

TABLE-II (Continued)
1967

MONMOUTH COUNTY

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
MONMOUTH BEACH BORO	32	1	0	0	1	0	3	3	6	11	3	4	0
NEPTUNE CITY BORO	25	0	0	0	0	2	0	1	1	5	9	7	0
NEPTUNE TWP	439	9	0	0	5	17	12	16	52	92	99	137	0
OCEAN TWP	207	4	0	3	1	3	5	8	22	52	58	51	0
OCEANPORT BORO	40	0	0	1	1	1	1	2	7	4	14	9	0
RED BANK BORO	204	4	0	0	1	2	5	7	22	55	54	54	0
ROOSEVELT BORO	1	0	0	0	0	0	0	0	1	0	0	0	0
RUMSON BORO	51	0	0	0	0	0	0	2	7	15	11	16	0
SEA BRIGHT BORO	17	0	0	0	0	0	0	0	3	3	7	4	0
SEA GIRT BORO	51	2	0	0	0	0	0	0	4	9	19	17	0
SHREWSBURY BORO	19	0	0	1	0	0	0	0	1	6	8	3	0
SHREWSBURY TWP	19	1	0	0	0	0	1	2	2	4	5	4	0
SOUTH BELMAR BORO	22	0	0	0	0	0	1	0	0	9	9	3	0
SPRING LAKE BORO	50	0	0	0	0	0	1	0	2	7	22	18	0
SPRING LAKE HEIGHTS BORO	86	0	0	0	1	0	1	2	10	18	23	31	0
TINTON FALLS BORO	50	1	0	0	0	1	5	1	8	15	9	10	0
UNION BEACH BORO	76	1	1	1	1	1	4	0	16	21	18	12	0
UPPER FREEHOLD TWP	21	1	0	0	1	2	1	0	3	6	6	1	0
WALL TWP	188	2	0	0	2	3	4	7	27	29	58	56	0
WEST LONG BRANCH BORO	70	0	0	0	0	2	0	5	6	19	17	21	0
*TOTAL MONMOUTH	5152	73	10	17	56	113	159	236	701	1218	1442	1126	1

MORRIS COUNTY

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
BOONTON TOWN	112	3	0	1	0	2	4	4	16	19	32	31	0
BOONTON TWP	7	0	0	0	0	0	0	0	2	1	2	2	0
BUTLER BORO	50	1	0	0	0	3	0	3	8	8	15	12	0
CHATHAM BORO	104	1	1	0	2	1	0	4	10	21	29	35	0
CHATHAM TWP	46	0	0	0	1	0	1	4	7	5	11	17	0
CHESTER BORO	15	0	0	0	0	0	1	2	2	2	4	4	0
CHESTER TWP	25	0	0	0	0	0	1	2	7	4	8	3	0

TABLE-11 (Continued)

1987

MORRIS COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
						AGE GROUP							
DENVILLE TWP	113	1	1	0	0	3	4	4	14	26	30	30	0
DOVER TOWN	134	3	0	0	1	3	5	8	13	42	29	29	1
EAST HANOVER TWP	63	0	0	0	1	2	1	6	10	16	18	9	0
FLORHAM PARK BORO	88	0	0	0	1	1	3	3	18	14	17	31	0
HANOVER TWP	79	1	0	0	0	4	3	4	20	17	15	15	0
HARDING TWP	24	0	0	0	0	0	0	1	8	7	3	5	0
JEFFERSON TWP	99	0	0	0	2	1	2	7	14	28	26	19	0
KINNELON BORO	46	2	0	0	2	0	0	1	4	12	11	14	0
LINCOLN PARK BORO	94	2	0	0	2	1	4	0	6	16	27	36	0
MADISON BORO	127	1	0	0	1	1	5	7	16	28	32	35	1
MENDHAM BORO	29	0	0	0	0	0	0	2	3	10	6	8	0
MENDHAM TWP	36	0	0	0	0	0	0	0	6	9	9	12	0
MINE HILL TWP	21	0	0	0	1	2	0	0	6	4	4	4	0
MONTVILLE TWP	89	1	0	0	1	1	0	9	9	21	28	19	0
MORRIS PLAINS BORO	78	1	0	0	1	3	4	8	9	17	21	14	0
MORRIS TWP	100	0	0	0	2	2	3	7	12	20	23	31	0
MORRISTOWN TOWN	234	7	0	0	2	6	5	13	28	43	60	70	0
MOUNT ARLINGTON BORO	17	0	0	0	0	0	1	0	4	2	5	5	0
MOUNT OLIVE TWP	100	2	4	1	4	4	4	12	12	19	23	15	0
MOUNTAIN LAKES BORO	22	0	0	0	0	0	0	1	6	2	6	7	0
NETCONG BORO	35	0	0	2	0	1	1	2	2	9	12	6	0
PARSIPPANY-TROY HILLS TWP	283	3	1	4	9	9	9	24	45	62	82	35	0
PASSAIC TWP	54	0	0	0	1	1	0	1	6	16	16	13	0
PEQUANNOCK TWP	99	0	0	0	1	3	2	5	12	20	32	24	0
RANDOLPH TWP	94	3	0	1	1	2	3	5	18	19	26	16	0
RIVERDALE BORO	26	2	0	0	1	0	0	0	6	6	5	6	0
ROCKAWAY BORO	58	1	0	0	2	3	2	5	8	12	15	10	0
ROCKAWAY TWP	79	1	0	0	4	1	4	6	13	18	18	14	0
ROXBURY TWP	126	3	0	2	1	0	7	6	18	26	33	30	0
VICTORY GARDENS BORO	7	0	0	0	0	1	0	0	2	3	0	1	0
WASHINGTON TWP	69	0	0	1	0	0	3	3	4	10	26	22	0
WHARTON BORO	52	0	0	0	0	1	3	2	4	7	30	5	0
*TOTAL MORRIS	2934	39	7	12	44	62	85	171	408	621	789	694	2

TABLE-II (Continued)

1987

OCEAN COUNTY

		AGE GROUP											
RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
BARNEGAT LIGHT BORO	13	0	0	0	0	0	0	1	1	3	5	3	0
BARNEGAT TWP	103	0	0	0	2	0	5	4	12	43	21	16	0
BAY HEAD BORO	20	0	0	0	0	0	0	0	1	5	6	8	0
BEACH HAVEN BORO	30	0	0	0	0	0	1	1	2	13	8	5	0
BEACHWOOD BORO	65	1	1	0	0	1	2	4	7	13	22	14	0
BERKELEY TWP	490	3	0	0	1	1	5	5	51	172	168	84	0
BRICK TWP	592	5	1	4	2	4	8	30	70	169	189	110	0
DOVER TWP	975	9	1	1	11	12	20	34	104	290	307	186	0
EAGLESWOOD TWP	26	1	0	0	0	0	0	2	2	4	10	7	0
HARVEY CEDARS BORO	2	0	0	0	0	0	0	0	0	1	1	0	0
ISLAND HEIGHTS BORO	18	2	0	0	0	1	0	0	3	3	5	4	0
JACKSON TWP	265	1	2	1	8	6	8	20	43	52	93	31	0
LACEY TWP	218	2	0	0	4	4	6	7	29	50	75	41	0
LAKEHURST BORO	112	1	0	0	2	1	5	3	6	24	47	23	0
LAKEWOOD TWP	674	6	4	3	6	11	13	20	45	103	258	205	0
LAVALLETTE BORO	53	0	1	0	0	1	1	0	3	14	24	9	0
LITTLE EGG HARBOR TWP	94	1	0	0	0	1	1	7	12	28	31	13	0
LONG BEACH TWP	43	0	0	0	0	0	0	0	5	16	12	10	0
MANCHESTER TWP	770	0	0	1	0	1	5	3	26	224	355	155	0
MANTOLOKING BORO	13	0	0	0	0	0	0	0	0	6	4	3	0
OCEAN GATE BORO	27	0	0	0	0	0	1	1	4	8	8	5	0
OCEAN TWP	60	0	0	0	1	0	1	4	9	17	16	12	0
PINE BEACH BORO	21	0	0	0	0	0	0	0	2	7	5	7	0
PLUMSTED TWP	45	1	0	0	0	2	1	5	10	9	12	5	0
POINT PLEASANT BEACH BORO	51	1	0	0	0	1	1	0	2	15	13	18	0
POINT PLEASANT BORO	249	3	0	0	0	1	4	12	27	60	81	61	0
SEASIDE HEIGHTS BORO	37	0	0	0	0	3	3	1	4	10	11	5	0
SEASIDE PARK BORO	46	0	0	0	0	1	1	1	8	11	14	10	0
SHIP BOTTOM BORO	20	0	0	0	0	0	0	0	3	4	9	4	0
SOUTH TOMS RIVER BORO	25	0	0	0	1	0	2	3	6	6	7	0	0
STAFFORD TWP	125	0	0	2	0	0	2	5	20	48	30	18	0
SURF CITY BORO	21	0	0	0	0	0	1	0	3	10	7	0	0
TUCKERTON BORO	68	0	0	0	1	2	4	1	4	24	20	12	0
*TOTAL OCEAN	5371	37	10	12	39	54	101	174	524	1462	1874	1084	0

TABLE-11 (Continued)

1987

PASSAIC COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
BLOOMINGDALE BORO	51	0	0	0	0	0	4	5	4	13	11	14	0
CLIFTON CITY	934	6	1	1	3	12	17	27	121	229	294	223	0
HALEDON BORO	103	0	0	1	0	1	3	6	10	20	35	27	0
HAWTHORNE BORO	184	3	0	0	0	3	4	9	14	41	58	52	0
LITTLE FALLS TWP	106	1	0	1	1	0	0	5	8	25	34	31	0
NORTH HALEDON BORO	77	0	0	1	0	3	0	3	2	18	31	19	0
PASSAIC CITY	534	14	4	3	7	32	35	25	68	127	128	91	0
PATERSON CITY	1283	42	6	6	23	82	93	92	156	244	293	244	2
POMPTON LAKES BORO	58	0	0	0	2	3	0	2	9	15	12	15	0
PROSPECT PARK BORO	56	1	0	0	1	2	2	2	6	10	16	16	0
RINGWOOD BORO	59	0	0	0	1	1	3	1	7	15	20	11	0
TOTOWA BORO	135	0	0	2	4	2	2	3	18	34	34	36	0
WANAQUE BORO	67	1	0	0	2	1	2	1	6	14	21	19	0
WAYNE TWP	396	4	0	1	2	8	8	17	54	94	114	94	0
WEST MILFORD TWP	160	2	1	0	6	4	9	13	22	30	40	33	0
WEST PATERSON BORO	89	0	0	0	2	4	5	5	8	18	30	17	0
*TOTAL PASSAIC	4292	74	12	16	54	158	187	216	513	947	1171	942	2

SALEM COUNTY

RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
ALLOWAY TWP	13	0	0	0	1	0	0	1	1	2	5	3	0
CARNEYS POINT TWP	89	0	0	0	0	1	3	6	16	22	22	19	0
ELMER BORO	30	0	0	0	0	1	0	3	2	8	12	4	0
ELSINBORO TWP	8	0	0	0	0	0	0	0	2	4	2	0	0
LOWER ALLOWAY CREEK TWP	8	0	0	0	0	0	0	1	1	1	4	1	0
MANNINGTON TWP	11	0	0	0	0	1	0	2	0	2	3	3	0
OLDMANS TWP	21	0	0	0	0	0	2	1	4	5	5	4	0
PENNS GROVE BORO	84	1	0	0	1	1	4	10	12	21	17	17	0
PENNSVILLE TWP	132	0	0	0	1	3	8	4	22	40	38	16	0
PILESGROVE TWP	18	0	0	1	0	1	0	1	1	3	6	5	0
PITTSGROVE TWP	35	0	0	0	0	1	0	5	6	12	4	7	0
QUINTON TWP	27	0	1	0	0	0	1	4	4	3	8	6	0
SALEM CITY	105	3	0	0	2	3	4	8	5	25	33	22	0
UPPER PITTSGROVE TWP	18	0	1	0	1	1	1	1	4	4	4	1	0
WOODSTOWN BORO	59	0	0	0	1	1	1	0	4	15	17	20	0
*TOTAL SALEM	658	4	2	1	7	14	24	47	84	167	180	128	0

TABLE-11 (Continued)
1987

SOMERSET COUNTY

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
BEDMINSTER TWP	22	2	0	0	0	1	1	0	4	3	6	5	0
BERNARDS TWP	118	1	0	1	2	1	6	4	16	25	41	21	0
BERNARDSVILLE BORO	29	0	1	0	0	1	2	2	4	3	11	5	0
BOUND BROOK BORO	107	2	0	1	1	1	2	5	20	26	21	28	0
BRANCHBURG TWP	40	0	0	0	0	1	1	5	4	7	12	10	0
BRIDGEWATER TWP	192	2	0	0	2	4	6	11	24	47	45	51	0
FAR HILLS BORO	4	0	0	0	0	0	0	1	0	1	1	1	0
FRANKLIN TWP	193	4	2	1	0	7	9	6	25	40	44	55	0
GREEN BROOK TWP	39	0	0	0	0	1	1	0	4	6	12	15	0
HILLSBOROUGH TWP	99	2	0	2	0	6	4	5	16	20	28	16	0
MANVILLE BORO	112	3	0	1	2	4	8	5	21	40	20	8	0
MILLSTONE BORO	3	0	0	0	0	0	0	0	1	2	0	0	0
MONTGOMERY TWP	41	1	0	0	2	1	0	1	6	13	12	5	0
NORTH PLAINFIELD BORO	147	2	1	1	0	1	5	8	15	32	38	44	0
PEAPACK-GLADSTONE BORO	7	0	0	0	0	0	0	0	1	0	3	3	0
RARITAN BORO	65	1	0	0	0	0	0	4	4	14	16	26	0
ROCKY HILL BORO	6	0	0	0	0	0	0	0	1	3	1	1	0
SOMERVILLE BORO	247	4	2	0	1	13	10	10	42	55	59	51	0
SOUTH BOUND BROOK BORO	30	2	1	0	0	1	0	1	5	10	5	5	0
WARREN TWP	70	1	0	2	0	3	2	5	16	12	17	12	0
WATCHUNG BORO	41	1	0	0	0	3	2	1	3	9	10	12	0
*TOTAL SOMERSET	1612	28	7	9	10	49	59	74	232	368	402	374	0

TABLE-11 (Continued)

1987

SUSSEX COUNTY

								AGE GROUP					
RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
ANDOVER BORO	11	0	0	0	1	0	0	1	0	1	2	6	0
ANDOVER TWP	83	1	0	0	0	1	0	1	3	12	24	41	0
BRANCHVILLE BORO	26	0	0	0	0	1	1	1	5	3	7	8	0
BYRAM TWP	28	0	0	0	2	1	2	2	2	11	7	1	0
FRANKFORD TWP	59	0	1	1	2	1	0	5	8	9	12	20	0
FRANKLIN BORO	29	0	0	0	0	0	0	4	4	7	8	6	0
FREDON TWP	9	0	0	0	0	0	0	0	2	1	2	4	0
GREEN TWP	16	0	1	0	0	1	0	0	1	6	4	3	0
HAMBURG BORO	21	0	0	0	0	2	0	0	3	7	8	1	0
HAMPTON TWP	23	1	1	0	0	0	0	0	2	7	9	3	0
HARDYSTON TWP	26	0	0	0	1	0	1	1	2	8	9	4	0
HOPATCONG BORO	93	2	0	0	0	2	5	4	15	21	33	11	0
LAFAYETTE TWP	15	0	0	0	0	1	0	1	5	2	4	2	0
MONTAGUE TWP	21	0	1	0	0	0	1	0	4	3	6	6	0
NEWTON TOWN	108	0	1	1	0	2	3	6	15	22	31	27	0
OGDENSBURG BORO	14	1	0	0	0	0	0	2	2	6	2	1	0
SANDYSTON TWP	14	0	0	0	0	0	2	0	1	2	6	3	0
SPARTA TWP	82	0	1	2	1	5	1	5	7	11	18	31	0
STANHOPE BORO	28	1	1	1	0	0	1	1	6	6	8	3	0
STILLWATER TWP	15	0	0	0	1	0	1	3	1	6	3	0	0
SUSSEX BORO	63	4	1	0	2	1	2	5	7	18	18	5	0
VERNON TWP	70	1	1	0	1	0	2	7	10	15	18	15	0
WANTAGE TWP	36	0	0	0	1	1	3	2	7	9	10	3	0
*TOTAL SUSSEX	890	11	9	5	12	19	25	51	112	193	249	204	0

TABLE-11 (Continued)

1987

UNION COUNTY

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
BERKELEY HEIGHTS TWP	88	1	0	1	2	1	0	7	9	16	24	27	0
CLARK TWP	144	2	0	0	0	1	5	7	21	46	35	27	0
CRANFORD TWP	254	4	0	0	1	7	5	7	25	74	56	75	0
ELIZABETH CITY	1105	15	6	1	19	54	59	60	124	260	284	222	1
FANWOOD BORO	43	1	0	1	0	0	0	2	7	10	9	13	0
GARWOOD BORO	42	0	0	0	0	0	2	0	6	14	9	11	0
HILLSIDE TWP	207	6	0	3	1	6	8	12	30	44	59	38	0
KENILWORTH BORO	92	0	0	0	0	2	3	5	13	22	27	20	0
LINDEN CITY	456	6	1	1	3	9	12	28	65	134	117	80	0
MOUNTAINSIDE BORO	62	0	1	0	0	2	2	6	9	13	16	13	0
NEW PROVIDENCE BORO	97	0	0	0	2	0	4	2	12	23	30	24	0
PLAINFIELD CITY	485	13	5	1	10	35	33	46	55	107	95	85	0
RAHWAY CITY	259	3	0	1	2	8	7	13	41	74	58	52	0
ROSELLE BORO	214	3	1	0	3	3	11	15	34	50	59	35	0
ROSELLE PARK BORO	127	0	0	0	2	2	4	8	20	29	37	25	0
SCOTCH PLAINS TWP	169	2	0	0	1	3	5	11	28	31	46	42	0
SPRINGFIELD TWP	175	1	0	0	1	1	6	4	16	39	61	46	0
SUMMIT CITY	199	2	0	0	1	1	6	7	24	38	62	58	0
UNION TWP	614	3	1	2	2	8	17	19	71	160	208	123	0
WESTFIELD TOWN	215	3	1	1	1	2	7	7	24	42	60	67	0
WINFIELD TWP	17	0	0	0	0	1	1	2	3	8	0	2	0
*TOTAL UNION	5064	65	16	12	51	146	197	268	637	1234	1352	1085	1

TABLE-11 (Continued)

1987

WARREN COUNTY

RESIDENCE	TOTAL	AGE GROUP -1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
ALLAMUCHY TWP	14	0	0	0	0	0	1	1	2	5	1	4	0
ALPHA BORO	26	1	0	0	0	0	0	3	4	6	8	4	0
BELVIDERE TOWN	46	1	0	0	1	1	1	1	6	9	13	13	0
BLAIRSTOWN TWP	41	1	0	0	2	0	0	2	5	7	14	10	0
FRANKLIN TWP	19	0	0	0	0	1	0	0	5	1	6	6	0
FRELINGHUYSEN TWP	8	0	0	0	0	0	2	1	0	0	3	2	0
GREENWICH TWP	21	0	1	0	0	0	1	0	2	6	4	7	0
HACKETTSTOWN TOWN	78	1	0	0	3	0	7	4	3	19	21	20	0
HARDWICK TWP	5	0	0	0	0	1	0	0	0	1	3	0	0
HARMONY TWP	10	0	0	0	0	0	0	2	1	3	4	0	0
HOPE TWP	6	0	0	0	1	0	0	0	1	1	2	1	0
INDEPENDENCE TWP	14	1	0	0	0	0	0	1	2	0	7	3	0
KNOWLTON TWP	27	0	0	0	0	2	0	2	5	4	5	9	0
LIBERTY TWP	7	0	0	0	0	0	0	1	0	2	3	1	0
LOPATCONG TWP	30	1	0	0	0	1	0	1	2	6	10	9	0
MANSFIELD TWP	27	1	0	0	0	0	1	0	3	9	8	5	0
OXFORD TWP	16	1	0	0	0	1	1	1	3	2	3	4	0
PHILLIPSBURG TOWN	245	3	0	0	4	6	3	15	31	54	78	51	0
POHATCONG TWP	23	0	0	0	1	0	1	1	6	6	5	3	0
WASHINGTON BORO	4	0	0	0	0	0	0	1	0	1	0	2	0
WASHINGTON TWP	105	1	1	0	1	3	4	1	10	18	36	30	0
WHITE TWP	10	0	0	0	0	0	2	0	1	2	1	4	0
*TOTAL WARREN	782	12	2	0	13	16	24	38	92	162	235	188	0

TABLE-11 (Continued)

1987

STATE INST

		AGE GROUP											
RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
N J ST HOSP GREYSTONE	2	0	0	0	0	1	0	0	0	1	0	0	0
N J ST HOSP TRENTON	1	0	0	0	0	0	0	0	0	0	1	0	0
N J ST PRISON	1	0	0	0	0	1	0	0	0	0	0	0	0
N J ST TRAINING SCHOOL VI	1	0	0	0	0	1	0	0	0	0	0	0	0
*TOTAL STATE INST	5	0	0	0	0	3	0	0	0	1	1	0	0

MILITARY

		AGE GROUP											
RESIDENCE	TOTAL	-1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK
FORT DIX	5	2	1	0	0	1	1	0	0	0	0	0	0
MCGUIRE AIR BASE FORT DIX	2	1	1	0	0	0	0	0	0	0	0	0	0
N J ST VETS ADM HOSP LYON	12	0	0	0	0	1	0	1	3	5	1	1	0
VETERANS HOSPITAL EAST OR	2	0	0	0	0	0	0	0	0	1	0	1	0
*TOTAL MILITARY	21	3	2	0	0	2	1	1	3	6	1	2	0

TABLE-12

RESIDENT DEATHS -- BY PLACE OF RESIDENCE, SEX AND RACE
1987

ATLANTIC COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
ABSECON CITY	84	39	45	0	76	7	1	0
ATLANTIC CITY	737	365	372	0	401	323	12	1
BRIGANTINE CITY	97	50	47	0	97	0	0	0
BUENA BORO	41	21	20	0	38	3	0	0
BUENA VISTA TWP	45	24	21	0	34	11	0	0
CORBIN CITY	3	2	1	0	3	0	0	0
EGG HARBOR CITY	52	30	22	0	45	6	1	0
EGG HARBOR TWP	104	63	41	0	94	10	0	0
ESTELL MANOR CITY	7	3	4	0	7	0	0	0
FOLSOM BORO	19	10	9	0	18	1	0	0
GALLOWAY TWP	62	31	31	0	59	3	0	0
HAMILTON TWP	120	62	58	0	102	18	0	0
HAMMONTON TOWN	177	92	85	0	170	6	1	0
LINWOOD CITY	68	39	29	0	67	1	0	0
LONGPORT BORO	22	15	7	0	22	0	0	0
MARGATE CITY	117	49	68	0	117	0	0	0
MULLICA TWP	28	17	11	0	24	4	0	0
NORTHFIELD CITY	80	32	48	0	77	3	0	0
PLEASANTVILLE CITY	207	95	112	0	143	61	2	1
PORT REPUBLIC CITY	7	2	5	0	7	0	0	0
SOMERS POINT CITY	146	77	69	0	145	0	1	0
VENTNOR CITY	153	73	80	0	152	0	1	0
WEYMOUTH TWP	14	7	7	0	14	0	0	0
*TOTAL ATLANTIC	2390	1198	1192	0	1912	457	19	2

TABLE-12 (Continued)
1987

BERGEN COUNTY

RESIDENCE	TOTAL	SEX MALE	 FEMALE	 UNKN	RACE WHITE	 BLACK	 OTHER	 UNKN
ALLENDALE BORO	48	21	27	0	48	0	0	0
ALPINE BORO	2	1	1	0	2	0	0	0
BERGENFIELD BORO	240	128	112	0	237	1	1	1
BOGOTA BORO	75	42	33	0	74	1	0	0
CARLSTADT BORO	60	29	31	0	60	0	0	0
CLIFFSIDE PARK BORO	247	129	118	0	243	2	1	1
CLOSTER BORO	68	38	30	0	64	1	2	1
CRESSKILL BORO	73	41	32	0	71	0	1	1
DEMAREST BORO	44	22	22	0	43	0	1	0
DUMONT BORO	180	80	100	0	174	0	5	1
EAST RUTHERFORD BORO	91	48	43	0	88	2	1	0
EDGEWATER BORO	48	23	25	0	44	1	2	1
ELMWOOD PARK BORO	194	100	94	0	190	1	3	0
EMERSON BORO	64	28	36	0	63	0	1	0
ENGLEWOOD CITY	260	124	136	0	159	94	5	2
ENGLEWOOD CLIFFS BORO	39	16	23	0	38	0	1	0
FAIR LAWN BORO	335	158	177	0	332	0	2	1
FAIRVIEW BORO	139	74	65	0	129	5	1	4
FORT LEE BORO	338	168	170	0	326	2	10	0
FRANKLIN LAKES BORO	49	24	25	0	48	0	1	0
GARFIELD CITY	310	151	159	0	304	5	0	1
GLEN ROCK BORO	71	34	37	0	66	4	1	0
HACKENSACK CITY	364	179	185	0	300	62	2	0
HARRINGTON PARK BORO	22	10	12	0	21	0	1	0
HASBROUCK HEIGHTS BORO	134	67	67	0	132	1	0	1
HAWORTH BORO	46	27	19	0	45	0	0	1
HILLSDALE BORO	78	39	39	0	76	0	2	0
HOHOKUS BORO	32	15	17	0	31	0	1	0
LEONIA BORO	68	33	35	0	65	1	2	0
LITTLE FERRY BORO	96	55	41	0	94	1	1	0
LODI BORO	232	114	118	0	226	4	2	0
LYNDHURST TWP	237	123	114	0	236	0	1	0
MAHWAH TWP	91	43	48	0	84	5	1	1
MAYWOOD BORO	122	58	64	0	122	0	0	0
MIDLAND PARK BORO	67	29	38	0	67	0	0	0
MONTVALE BORO	41	21	20	0	41	0	0	0

TABLE-12 (Continued)

1987

BERGEN COUNTY

RESIDENCE	TOTAL	SEX MALE	SEX FEMALE	SEX UNKN	RACE WHITE	RACE BLACK	RACE OTHER	RACE UNKN
MOONACHIE BORO	27	18	9	0	27	0	0	0
NEW MILFORD BORO	169	86	83	0	166	2	0	1
NORTH ARLINGTON BORO	207	108	99	0	207	0	0	0
NORTHVALE BORO	20	8	12	0	20	0	0	0
NORWOOD BORO	44	20	24	0	43	0	1	0
OAKLAND BORO	89	51	38	0	87	1	1	0
OLD TAPPAN BORO	26	10	16	0	26	0	0	0
ORADELL BORO	70	41	29	0	69	0	1	0
PALISADES PARK BORO	143	71	72	0	141	0	2	0
PARAMUS BORO	227	129	98	0	222	1	4	0
PARK RIDGE BORO	60	30	30	0	60	0	0	0
RAMSEY BORO	66	37	29	0	65	1	0	0
RIDGEFIELD BORO	118	60	58	0	116	0	2	0
RIDGEFIELD PARK TWP	87	45	42	0	86	1	0	0
RIDGEWOOD VIL	192	90	102	0	185	6	1	0
RIVER EDGE BORO	117	53	64	0	116	1	0	0
RIVER VALE TWP	65	38	27	0	65	0	0	0
ROCHELLE PARK TWP	98	38	60	0	97	0	1	0
ROCKLEIGH BORO	1	1	0	0	1	0	0	0
RUTHERFORD BORO	180	92	88	0	176	0	4	0
SADDLE BROOK TWP	131	78	53	0	128	0	3	0
SADDLE RIVER BORO	14	9	5	0	11	1	2	0
SOUTH HACKENSACK TWP	21	13	8	0	21	0	0	0
TEANECK TWP	339	178	160	1	258	69	11	1
TENAFLY BORO	100	38	62	0	98	2	0	0
UPPER SADDLE RIVER BORO	38	18	20	0	38	0	0	0
WALDWICK BORO	72	33	39	0	72	0	0	0
WALLINGTON BORO	122	71	51	0	120	1	0	1
WASHINGTON TWP	48	29	19	0	48	0	0	0
WESTWOOD BORO	121	45	76	0	117	3	1	0
WOOD-RIDGE BORO	61	31	30	0	60	1	0	0
WOODCLIFF LAKE BORO	28	15	13	0	27	0	1	0
WYCKOFF TWP	113	53	60	0	113	0	0	0
*TOTAL BERGEN	7819	3929	3889	1	7429	283	87	20

TABLE-12 (Continued)
1987

BURLINGTON COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BASS RIVER TWP	12	8	4	0	12	0	0	0
BEVERLY CITY	42	19	23	0	30	12	0	0
BORDENTOWN CITY	72	34	38	0	62	10	0	0
BORDENTOWN TWP	58	38	20	0	58	0	0	0
BURLINGTON CITY	145	72	73	0	116	29	0	0
BURLINGTON TWP	93	50	43	0	87	6	0	0
CHESTERFIELD TWP	16	8	8	0	16	0	0	0
CINNAMINSON TWP	125	56	69	0	113	11	1	0
DELANCO TWP	49	29	20	0	48	0	1	0
DELRAN TWP	83	35	48	0	76	7	0	0
EASTAMPTON TWP	3	3	0	0	3	0	0	0
EDGEWATER PARK TWP	42	25	17	0	39	3	0	0
EVESHAM TWP	151	76	75	0	150	1	0	0
FIELDSBORO BORO	7	4	3	0	4	3	0	0
FLORENCE TWP	108	63	45	0	102	6	0	0
HAINESPORT TWP	19	10	9	0	19	0	0	0
LUMBERTON TWP	29	12	17	0	29	0	0	0
MANSFIELD TWP	16	8	8	0	16	0	0	0
MAPLE SHADE TWP	214	121	93	0	205	9	0	0
MEDFORD LAKES BORO	27	14	13	0	27	0	0	0
MEDFORD TWP	140	71	69	0	138	1	1	0
MOORESTOWN TWP	192	74	118	0	174	18	0	0
MOUNT HOLLY TWP	175	90	85	0	154	19	2	0
MOUNT LAUREL TWP	119	64	55	0	110	8	1	0
NEW HANOVER TWP	1	0	1	0	0	0	1	0
NORTH HANOVER TWP	11	10	1	0	10	1	0	0
PALMYRA BORO	76	32	44	0	70	6	0	0
PEMBERTON BORO	26	13	13	0	20	6	0	0
PEMBERTON TWP	175	99	76	0	150	22	3	0
RIVERSIDE TWP	101	48	53	0	100	1	0	0
RIVERTON BORO	14	7	7	0	12	2	0	0
SHAMONG TWP	17	10	7	0	16	1	0	0

TABLE-12 (Continued)

1987

BURLINGTON COUNTY

		SEX			RACE			
RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
SOUTHAMPTON TWP	147	75	72	0	146	1	0	0
SPRINGFIELD TWP	14	8	6	0	14	0	0	0
TABERNACLE TWP	36	21	15	0	36	0	0	0
WASHINGTON TWP	3	2	1	0	3	0	0	0
WESTAMPTON TWP	6	3	3	0	4	1	1	0
WILLINGBORO TWP	237	120	117	0	144	92	0	1
WOODLAND TWP	7	3	4	0	7	0	0	0
WRIGHTSTOWN BORO	31	19	12	0	29	2	0	0
*TOTAL BURLINGTON	2839	1454	1385	0	2549	278	11	1

CAMDEN COUNTY

		SEX			RACE			
RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
AUDUBON BORO	93	47	46	0	93	0	0	0
AUDUBON PARK BORO	19	9	10	0	19	0	0	0
BARRINGTON BORO	58	27	31	0	58	0	0	0
BELLMAWR BORO	128	70	58	0	127	0	1	0
BERLIN BORO	100	55	45	0	89	10	1	0
BERLIN TWP	21	9	12	0	20	1	0	0
BROOKLAWN BORO	26	13	13	0	26	0	0	0
CAMDEN CITY	855	470	385	0	406	444	4	1
CHERRY HILL TWP	594	263	331	0	567	23	4	0
CHESILHURST BORO	9	5	4	0	5	4	0	0
CLEMENTON BORO	82	39	43	0	78	3	1	0
COLLINGSWOOD BORO	222	89	133	0	222	0	0	0
GIBBSBORO BORO	27	15	12	0	26	0	1	0
GLOUCESTER CITY	196	117	79	0	194	1	1	0

TABLE-12 (Continued)

1987

CAMDEN COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
GLOUCESTER TWP	224	123	101	0	217	7	0	0
HADDON HEIGHTS BORO	81	38	43	0	81	0	0	0
HADDON TWP	180	85	95	0	179	1	0	0
HADDONFIELD BORO	111	53	58	0	109	1	0	1
HI-NELLA BORO	8	4	4	0	7	1	0	0
LAUREL SPRINGS BORO	14	5	9	0	14	0	0	0
LAWNSIDE BORO	44	22	22	0	0	42	2	0
LINDENWOLD BORO	106	54	52	0	98	7	1	0
MAGNOLIA BORO	46	23	23	0	44	2	0	0
MERCHANTVILLE BORO	58	20	38	0	57	1	0	0
MOUNT EPHRAIM BORO	62	36	26	0	62	0	0	0
OAKLYN BORO	67	32	35	0	67	0	0	0
PENNSAUKEN TWP	383	185	198	0	356	26	1	0
PINE HILL BORO	56	23	33	0	55	1	0	0
RUNNEMEDE BORO	78	40	38	0	76	2	0	0
SOMERDALE BORO	63	32	31	0	55	8	0	0
STRATFORD BORO	73	34	39	0	73	0	0	0
VOORHEES TWP	101	45	56	0	90	9	2	0
WATERFORD TWP	81	50	31	0	71	10	0	0
WINSLOW TWP	123	61	62	0	96	27	0	0
WOOD-LYNNE BORO	34	21	13	0	34	0	0	0
*TOTAL CAMDEN	4423	2214	2209	0	3771	631	19	2

TABLE-12 (Continued)

1987

CAPE MAY COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
AVALON BORO	34	21	13	0	34	0	0	0
CAPE MAY CITY	95	41	54	0	88	7	0	0
CAPE MAY POINT BORO	5	2	3	0	5	0	0	0
DENNIS TWP	43	16	27	0	42	1	0	0
LOWER TWP	244	132	112	0	244	0	0	0
MIDDLE TWP	186	82	104	0	169	16	1	0
NORTH WILDWOOD CITY	64	33	31	0	63	1	0	0
OCEAN CITY	216	107	109	0	206	10	0	0
SEA ISLE CITY	36	16	20	0	34	2	0	0
STONE HARBOR BORO	22	12	10	0	21	1	0	0
UPPER TWP	70	30	40	0	69	1	0	0
WEST CAPE MAY BORO	15	7	8	0	11	4	0	0
WEST WILDWOOD BORO	3	3	0	0	3	0	0	0
WILDWOOD CITY	87	43	44	0	72	14	1	0
WILDWOOD CREST BORO	44	19	25	0	44	0	0	0
WOODBINE BORO	19	13	6	0	17	2	0	0
*TOTAL CAPE MAY	1183	577	606	0	1122	59	2	0

TABLE-12 (Continued)

1987

CUMBERLAND COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BRIDGETON CITY	307	173	134	0	223	81	3	0
COMMERCIAL TWP	30	17	13	0	21	9	0	0
DEERFIELD TWP	21	11	10	0	14	5	2	0
DOWNE TWP	16	11	5	0	15	1	0	0
FAIRFIELD TWP	21	13	8	0	12	8	1	0
GREENWICH TWP	7	3	4	0	7	0	0	0
HOPEWELL TWP	27	10	17	0	24	3	0	0
LAWRENCE TWP	21	14	7	0	18	3	0	0
MAURICE RIVER TWP	23	16	7	0	23	0	0	0
MILLVILLE CITY	294	153	141	0	272	21	1	0
SHILOH BORO	2	1	1	0	2	0	0	0
STOW CREEK TWP	7	4	3	0	7	0	0	0
UPPER DEERFIELD TWP	53	32	21	0	43	5	5	0
VINELAND CITY	459	256	203	0	430	25	0	4
*TOTAL CUMBERLAND	1288	714	574	0	1111	161	12	4

TABLE-12 (Continued)

1987

ESSEX COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BELLEVILLE TOWN	371	186	185	0	351	15	4	1
BLOOMFIELD TOWN	527	264	263	0	518	5	1	3
CALDWELL BORO	119	46	73	0	118	0	1	0
CEDAR GROVE TWP	122	54	68	0	121	0	1	0
EAST ORANGE CITY	890	441	449	0	249	628	5	8
ESSEX FELLS BORO	15	8	7	0	15	0	0	0
FAIRFIELD BORO	46	23	23	0	46	0	0	0
GLEN RIDGE BORO	70	33	37	0	69	1	0	0
IRVINGTON TOWN	603	320	283	0	397	199	6	1
LIVINGSTON TWP	203	106	97	0	191	4	7	1
MAPLEWOOD TWP	239	118	121	0	225	10	4	0
MILLBURN TWP	172	76	96	0	171	1	0	0
MONTCLAIR TOWN	388	157	231	0	263	124	1	0
NEWARK CITY	3192	1833	1359	0	1161	1977	31	23
NORTH CALDWELL BORO	19	5	14	0	19	0	0	0
NUTLEY TOWN	339	177	162	0	331	5	3	0
ORANGE CITY	353	162	191	0	194	158	1	0
ROSELAND BORO	54	25	29	0	52	0	2	0
SOUTH ORANGE VIL	126	55	71	0	114	11	1	0
VERONA BORO	155	70	85	0	152	3	0	0
WEST CALDWELL BORO	89	50	39	0	89	0	0	0
WEST ORANGE TOWN	480	229	251	0	468	9	2	1
*TOTAL ESSEX	8572	4438	4134	0	5314	3150	70	38

TABLE-12 (Continued)

1987

GLOUCESTER COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
CLAYTON BORO	39	15	24	0	36	3	0	0
DEPTFORD TWP	154	83	70	1	142	12	0	0
EAST GREENWICH TWP	46	29	17	0	42	4	0	0
ELK TWP	13	3	10	0	12	1	0	0
FRANKLIN TWP	90	47	43	0	82	8	0	0
GLASSBORO BORO	105	58	47	0	73	31	1	0
GREENWICH TWP	68	39	29	0	67	1	0	0
HARRISON TWP	51	30	21	0	46	5	0	0
LOGAN TWP	10	5	5	0	10	0	0	0
MANTUA TWP	138	72	66	0	131	6	1	0
MONROE TWP	183	87	96	0	156	26	1	0
NATIONAL PARK BORO	39	14	25	0	39	0	0	0
NEWFIELD BORO	31	19	12	0	28	3	0	0
PAULSBORO BORO	89	35	54	0	60	28	1	0
PITMAN BORO	106	46	60	0	106	0	0	0
SOUTH HARRISON TWP	4	3	1	0	4	0	0	0
SWEDESBORO BORO	31	18	13	0	22	9	0	0
WASHINGTON TWP	117	65	52	0	113	3	1	0
WENONAH BORO	53	25	28	0	46	7	0	0
WEST DEPTFORD TWP	84	44	40	0	82	2	0	0
WESTVILLE BORO	62	35	27	0	58	4	0	0
WOODBURY CITY	176	85	91	0	152	23	0	1
WOODBURY HEIGHTS BORO	30	20	10	0	28	2	0	0
WOOLWICH TWP	6	3	3	0	6	0	0	0
*TOTAL GLOUCESTER	1725	880	844	1	1541	178	5	1

TABLE-12 (Continued)
1987

HUDSON COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BAYONNE CITY	795	415	380	0	766	25	4	0
EAST NEWARK BORO	20	12	8	0	20	0	0	0
GUTTENBERG TOWN	63	32	31	0	60	2	1	0
HARRISON TOWN	142	80	62	0	137	2	3	0
HOBOKEN CITY	338	173	165	0	321	9	8	0
JERSEY CITY	2483	1291	1192	0	1788	637	55	3
KEARNY TOWN	384	210	174	0	376	2	6	0
NORTH BERGEN TWP	543	278	265	0	534	2	6	1
SECAUCUS TOWN	155	79	76	0	152	1	1	1
UNION CITY	470	243	226	1	452	4	10	4
WEEHAWKEN TWP	114	71	43	0	111	2	1	0
WEST NEW YORK TOWN	364	189	175	0	355	4	4	1
*TOTAL HUDSON	5871	3073	2797	1	5072	690	99	10

TABLE-12 (Continued)

1987

HUNTERDON COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
ALEXANDRIA TWP	17	10	7	0	17	0	0	0
BETHELEM TWP	5	3	2	0	5	0	0	0
BLOOMSBURY BORO	10	5	5	0	10	0	0	0
CALIFON BORO	7	3	4	0	6	1	0	0
CLINTON TOWN	24	14	10	0	24	0	0	0
CLINTON TWP	24	12	12	0	24	0	0	0
DELAWARE TWP	20	10	10	0	20	0	0	0
EAST AMWELL TWP	19	13	6	0	19	0	0	0
FLEMINGTON BORO	62	29	33	0	62	0	0	0
FRANKLIN TWP	22	11	11	0	22	0	0	0
FRENCHTOWN BORO	17	10	7	0	16	1	0	0
GLEN GARDNER BORO	24	7	17	0	24	0	0	0
HAMPTON BORO	13	6	7	0	13	0	0	0
HIGH BRIDGE BORO	23	13	10	0	23	0	0	0
HOLLAND TWP	16	8	8	0	16	0	0	0
KINGWOOD TWP	21	11	10	0	19	2	0	0
LAMBERTVILLE CITY	54	20	34	0	52	2	0	0
LEBANON BORO	18	10	8	0	18	0	0	0
LEBANON TWP	41	21	20	0	41	0	0	0
MILFORD BORO	21	13	8	0	21	0	0	0
RARITAN TWP	61	29	32	0	61	0	0	0
READINGTON TWP	68	39	29	0	64	0	3	1
STOCKTON BORO	3	3	0	0	2	0	0	1
TEWKSBURY TWP	15	5	10	0	15	0	0	0
UNION TWP	21	8	13	0	21	0	0	0
WEST AMWELL TWP	1	1	0	0	1	0	0	0
*TOTAL HUNTERDON	627	314	313	0	616	6	3	2

TABLE-12 (Continued)

1987

MERCER COUNTY

		SEX			RACE			
RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
EAST WINDSOR TWP	116	63	53	0	110	6	0	0
EWING TWP	349	185	164	0	303	45	1	0
HAMILTON TWP	772	381	391	0	741	28	3	0
HIGHTSTOWN BORO	66	30	36	0	58	8	0	0
HOPEWELL BORO	4	2	2	0	3	1	0	0
HOPEWELL TWP	83	45	38	0	81	1	1	0
LAWRENCE TWP	157	71	86	0	139	18	0	0
PENNINGTON BORO	21	11	10	0	20	1	0	0
PRINCETON BORO	99	36	63	0	92	7	0	0
PRINCETON TWP	83	40	43	0	68	13	2	0
TRENTON CITY	1263	671	592	0	851	409	2	1
WASHINGTON TWP	36	21	15	0	33	2	1	0
WEST WINDSOR TWP	41	21	20	0	38	0	3	0
*TOTAL MERCER	3090	1577	1513	0	2537	539	13	1

TABLE-12 (Continued)
1987

MIDDLESEX COUNTY

		SEX			RACE			
RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
CARTERET BORO	196	110	86	0	189	6	0	1
CRANBURY TWP	92	50	42	0	85	6	1	0
DUNELLEN BORO	59	28	31	0	58	1	0	0
EAST BRUNSWICK TWP	239	129	110	0	231	3	5	0
EDISON TWP	593	318	275	0	565	21	7	0
HELMETTA BORO	13	4	9	0	13	0	0	0
HIGHLAND PARK BORO	118	60	58	0	113	5	0	0
JAMESBURG BORO	61	31	30	0	52	9	0	0
METUCHEN BORO	142	74	68	0	127	11	4	0
MIDDLESEX BORO	117	68	49	0	112	4	1	0
MILLTOWN BORO	71	44	27	0	71	0	0	0
MONROE TWP	168	86	82	0	161	6	1	0
NEW BRUNSWICK CITY	378	201	177	0	266	109	2	1
NORTH BRUNSWICK TWP	169	93	76	0	162	6	1	0
OLD BRIDGE TWP	331	198	133	0	324	5	2	0
PERTH AMBOY CITY	409	212	197	0	388	17	3	1
PISCATAWAY TWP	219	115	104	0	188	25	6	0
PLAINSBORO TWP	35	18	17	0	32	1	2	0
SAYREVILLE BORO	304	166	138	0	298	4	0	2
SOUTH AMBOY CITY	144	75	69	0	143	1	0	0
SOUTH BRUNSWICK TWP	94	55	39	0	86	6	2	0
SOUTH PLAINFIELD BORO	163	71	92	0	158	4	1	0
SOUTH RIVER BORO	139	73	66	0	135	4	0	0
SPOTSWOOD BORO	83	46	37	0	81	0	2	0
WOODBRIDGE TWP	783	414	369	0	762	15	4	2
*TOTAL MIDDLESEX	5120	2739	2381	0	4800	269	44	7

TABLE-12 (Continued)

1987

MONMOUTH COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
ABERDEEN TWP	90	48	42	0	81	8	1	0
ALLENHURST BORO	13	7	6	0	13	0	0	0
ALLENTOWN BORO	18	9	9	0	18	0	0	0
ASBURY PARK CITY	246	112	134	0	147	99	0	0
ATLANTIC HIGHLANDS BORO	68	30	38	0	66	2	0	0
AVON-BY-THE-SEA BORO	36	16	20	0	36	0	0	0
BELMAR BORO	96	43	53	0	91	5	0	0
BRADLEY BEACH BORO	54	32	22	0	54	0	0	0
BRIELLE BORO	42	18	24	0	37	5	0	0
COLTS NECK TOWNSHIP	36	17	19	0	36	0	0	0
DEAL BORO	17	9	8	0	16	1	0	0
EATONTOWN BORO	101	45	56	0	91	9	1	0
ENGLISHTOWN BORO	78	44	34	0	73	4	0	1
FAIR HAVEN BORO	42	18	24	0	38	4	0	0
FARMINGDALE BORO	18	9	9	0	17	1	0	0
FREEHOLD BORO	81	41	40	0	63	16	2	0
FREEHOLD TWP	221	115	106	0	199	21	1	0
HAZLET TWP	174	100	74	0	172	0	0	2
HIGHLANDS BORO	64	35	29	0	64	0	0	0
HOLMDEL TWP	79	34	45	0	76	0	3	0
HOWELL TWP	186	115	71	0	182	4	0	0
INTERLAKEN BORO	18	14	4	0	18	0	0	0
KEANSBURG BORO	155	79	76	0	155	0	0	0
KEYPORT BORO	105	56	49	0	99	6	0	0
LITTLE SILVER BORO	42	20	22	0	42	0	0	0
LOCH ARBOUR VILLAGE	3	1	2	0	3	0	0	0
LONG BRANCH CITY	344	169	175	0	293	51	0	0
MANALAPAN TWP	110	61	49	0	100	8	2	0
MANASQUAN BORO	115	53	62	0	115	0	0	0
MARLBORO TWP	109	54	55	0	99	3	7	0
MATAWAN BORO	146	64	82	0	131	13	1	1
MIDDLETOWN TWP	536	267	269	0	521	13	2	0

TABLE-12 (Continued)

1987

MONMOUTH COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
MILLSTONE TWP	41	21	20	0	38	2	1	0
MONMOUTH BEACH BORO	32	12	20	0	32	0	0	0
NEPTUNE CITY BORO	25	10	15	0	22	3	0	0
NEPTUNE TWP	439	200	239	0	327	111	1	0
OCEAN TWP	207	94	113	0	200	5	1	1
OCEANPORT BORO	40	19	21	0	38	2	0	0
RED BANK BORO	204	97	107	0	162	41	1	0
ROOSEVELT BORO	1	1	0	0	1	0	0	0
RUMSON BORO	51	29	22	0	51	0	0	0
SEA BRIGHT BORO	17	10	7	0	14	3	0	0
SEA GIRT BORO	51	23	28	0	51	0	0	0
SHREWSBURY BORO	19	9	10	0	19	0	0	0
SHREWSBURY TWP	19	7	12	0	16	3	0	0
SOUTH BELMAR BORO	22	10	12	0	21	1	0	0
SPRING LAKE BORO	50	19	31	0	50	0	0	0
SPRING LAKE HEIGHTS BORO	86	38	48	0	86	0	0	0
TINTON FALLS BORO	50	27	23	0	37	11	2	0
UNION BEACH BORO	76	45	31	0	76	0	0	0
UPPER FREEHOLD TWP	21	9	12	0	20	0	0	1
WALL TWP	188	89	99	0	185	1	2	0
WEST LONG BRANCH BORO	70	32	38	0	70	0	0	0
*TOTAL MONMOUTH	5152	2536	2616	0	4662	456	28	6

TABLE-12 (Continued)

1987

MORRIS COUNTY

RESIDENCE	TOTAL	SEX				RACE			
		MALE	FEMALE	UNKN		WHITE	BLACK	OTHER	UNKN
BOONTON TOWN	112	52	60	0		110	2	0	0
BOONTON TWP	7	4	3	0		7	0	0	0
BUTLER BORO	50	23	27	0		50	0	0	0
CHATHAM BORO	104	53	51	0		103	0	1	0
CHATHAM TWP	46	21	25	0		46	0	0	0
CHESTER BORO	15	8	7	0		15	0	0	0
CHESTER TWP	25	15	10	0		25	0	0	0
DENVILLE TWP	113	57	56	0		110	2	0	1
DOVER TOWN	134	80	54	0		132	2	0	0
EAST HANOVER TWP	63	35	28	0		63	0	0	0
FLORHAM PARK BORO	88	38	50	0		88	0	0	0
HANOVER TWP	79	43	36	0		79	0	0	0
HARDING TWP	24	14	10	0		24	0	0	0
JEFFERSON TWP	99	56	43	0		98	0	0	1
KINNELON BORO	46	24	22	0		46	0	0	0
LINCOLN PARK BORO	94	40	54	0		93	1	0	0
MADISON BORO	127	58	69	0		120	7	0	0
MENDHAM BORO	29	12	17	0		29	0	0	0
MENDHAM TWP	36	14	22	0		36	0	0	0
MINE HILL TWP	21	13	8	0		20	0	1	0
MONTVILLE TWP	89	57	32	0		88	0	1	0
MORRIS PLAINS BORO	78	39	39	0		74	0	4	0
MORRIS TWP	100	46	54	0		92	8	0	0
MORRISTOWN TOWN	234	103	131	0		195	39	0	0
MOUNT ARLINGTON BORO	17	5	12	0		17	0	0	0
MOUNT OLIVE TWP	100	67	33	0		98	2	0	0
MOUNTAIN LAKES BORO	22	11	11	0		22	0	0	0
NETCONG BORO	35	12	23	0		35	0	0	0
PARSIPPANY-TROY HILLS TWP	283	154	129	0		275	5	3	0
PASSAIC TWP	54	29	25	0		52	1	1	0
PEQUANNOCK TWP	99	51	48	0		99	0	0	0
RANDOLPH TWP	94	52	42	0		92	1	0	1
RIVERDALE BORO	26	17	9	0		26	0	0	0
ROCKAWAY BORO	58	40	18	0		58	0	0	0
ROCKAWAY TWP	79	43	36	0		79	0	0	0
ROXBURY TWP	126	65	61	0		123	1	2	0
VICTORY GARDENS BORO	7	5	2	0		6	1	0	0
WASHINGTON TWP	69	29	40	0		69	0	0	0
WHARTON BORO	52	31	21	0		51	0	1	0
*TOTAL MORRIS	2934	1516	1418	0		2845	72	14	3

TABLE-12 (Continued)

1987

OCEAN COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BARNEGAT LIGHT BORO	13	5	8	0	13	0	0	0
BARNEGAT TWP	103	58	45	0	101	1	0	1
BAY HEAD BORO	20	6	14	0	20	0	0	0
BEACH HAVEN BORO	30	17	13	0	30	0	0	0
BEACHWOOD BORO	65	37	28	0	65	0	0	0
BERKELEY TWP	490	297	193	0	480	7	2	1
BRICK TWP	592	329	263	0	591	0	0	1
DOVER TWP	975	525	450	0	961	10	2	2
EAGLESWOOD TWP	26	15	11	0	26	0	0	0
HARVEY CEDARS BORO	2	1	1	0	2	0	0	0
ISLAND HEIGHTS BORO	18	5	13	0	18	0	0	0
JACKSON TWP	265	138	127	0	261	3	1	0
LACEY TWP	218	113	105	0	217	1	0	0
LAKEHURST BORO	112	58	54	0	112	0	0	0
LAKEWOOD TWP	674	333	341	0	607	58	7	2
LAVALLETTE BORO	53	31	22	0	53	0	0	0
LITTLE EGG HARBOR TWP	94	50	44	0	93	1	0	0
LONG BEACH TWP	43	26	17	0	43	0	0	0
MANCHESTER TWP	770	414	356	0	769	1	0	0
MANTOLOKING BORO	13	6	7	0	13	0	0	0
OCEAN GATE BORO	27	15	12	0	27	0	0	0
OCEAN TWP	60	33	27	0	60	0	0	0
PINE BEACH BORO	21	13	8	0	21	0	0	0
PLUMSTED TWP	45	27	18	0	45	0	0	0
POINT PLEASANT BEACH BORO	51	28	23	0	51	0	0	0
POINT PLEASANT BORO	249	124	125	0	249	0	0	0
SEASIDE HEIGHTS BORO	37	24	13	0	37	0	0	0
SEASIDE PARK BORO	46	25	21	0	46	0	0	0
SHIP BOTTOM BORO	20	9	11	0	20	0	0	0
SOUTH TOMS RIVER BORO	25	15	10	0	19	5	1	0
STAFFORD TWP	125	84	41	0	125	0	0	0
SURF CITY BORO	21	15	6	0	21	0	0	0
TUCKERTON BORO	68	39	29	0	68	0	0	0
*TOTAL OCEAN	5371	2915	2456	0	5264	87	13	7

TABLE-12 (Continued)

1987

PASSAIC COUNTY

		SEX			RACE			
RESIDENCE	TOTAL	MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BLOOMINGDALE BORO	51	23	28	0	51	0	0	0
CLIFTON CITY	934	459	475	0	927	2	4	1
HALEDON BORO	103	53	50	0	102	1	0	0
HAWTHORNE BORO	184	79	105	0	184	0	0	0
LITTLE FALLS TWP	106	50	56	0	106	0	0	0
NORTH HALEDON BORO	77	31	46	0	76	1	0	0
PASSAIC CITY	534	283	250	1	439	89	5	1
PATERSON CITY	1283	657	626	0	880	400	3	0
POMPTON LAKES BORO	58	28	30	0	58	0	0	0
PROSPECT PARK BORO	56	29	27	0	55	1	0	0
RINGWOOD BORO	59	28	31	0	54	0	5	0
TOTOWA BORO	135	69	66	0	134	1	0	0
WANAQUE BORO	67	33	34	0	66	1	0	0
WAYNE TWP	396	199	197	0	395	1	0	0
WEST MILFORD TWP	160	93	67	0	154	5	1	0
WEST PATERSON BORO	89	43	46	0	88	0	1	0
*TOTAL PASSAIC	4292	2157	2134	1	3769	502	19	2

TABLE-12 (Continued)

1987

SALEM COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
ALLOWAY TWP	13	8	5	0	13	0	0	0
CARNEYS POINT TWP	89	45	44	0	85	4	0	0
ELMER BORO	30	17	13	0	30	0	0	0
ELSINBORO TWP	8	4	4	0	7	1	0	0
LOWER ALLOWAY CREEK TWP	8	5	3	0	8	0	0	0
MANNINGTON TWP	11	4	7	0	9	2	0	0
OLDMANS TWP	21	15	6	0	18	3	0	0
PENNS GROVE BORO	84	56	28	0	53	31	0	0
PENNSVILLE TWP	132	73	59	0	131	1	0	0
PILESGROVE TWP	18	9	9	0	17	1	0	0
PITTSGROVE TWP	35	16	19	0	31	3	1	0
QUINTON TWP	27	15	12	0	20	7	0	0
SALEM CITY	105	53	52	0	70	35	0	0
UPPER PITTSGROVE TWP	18	8	10	0	16	2	0	0
WOODSTOWN BORO	59	21	38	0	44	15	0	0
*TOTAL SALEM	658	349	309	0	552	105	1	0

TABLE-12 (Continued)

1987

SOMERSET COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BEDMINSTER TWP	22	5	17	0	22	0	0	0
BERNARDS TWP	118	62	56	0	118	0	0	0
BERNARDSVILLE BORO	29	15	14	0	29	0	0	0
BOUND BROOK BORO	107	60	47	0	106	0	1	0
BRANCHBURG TWP	40	20	20	0	39	1	0	0
BRIDGEWATER TWP	192	93	99	0	191	0	1	0
FAR HILLS BORO	4	4	0	0	4	0	0	0
FRANKLIN TWP	193	91	102	0	165	27	1	0
GREEN BROOK TWP	39	17	22	0	39	0	0	0
HILLSBOROUGH TWP	99	47	52	0	97	1	1	0
MANVILLE BORO	112	73	39	0	111	0	1	0
MILLSTONE BORO	3	3	0	0	3	0	0	0
MONTGOMERY TWP	41	20	21	0	40	0	1	0
NORTH PLAINFIELD BORO	147	65	82	0	143	3	0	1
PEAPACK-GLADSTONE BORO	7	3	4	0	7	0	0	0
RARITAN BORO	65	22	43	0	65	0	0	0
ROCKY HILL BORO	6	3	3	0	6	0	0	0
SOMERVILLE BORO	247	127	120	0	216	27	3	1
SOUTH BOUND BROOK BORO	30	23	7	0	29	0	1	0
WARREN TWP	70	39	31	0	67	0	3	0
WATCHUNG BORO	41	20	21	0	40	0	0	1
*TOTAL SOMERSET	1612	812	800	0	1537	59	13	3

TABLE-12 (Continued)

1987

SUSSEX COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
ANDOVER BORO	11	2	9	0	11	0	0	0
ANDOVER TWP	83	29	54	0	81	2	0	0
BRANCHVILLE BORO	26	15	11	0	26	0	0	0
BYRAM TWP	28	14	14	0	28	0	0	0
FRANKFORD TWP	59	28	31	0	59	0	0	0
FRANKLIN BORO	29	12	17	0	29	0	0	0
FREDON TWP	9	4	5	0	9	0	0	0
GREEN TWP	16	7	9	0	16	0	0	0
HAMBURG BORO	21	16	5	0	20	1	0	0
HAMPTON TWP	23	11	12	0	23	0	0	0
HARDYSTON TWP	26	13	13	0	26	0	0	0
HOPATCONG BORO	93	43	50	0	93	0	0	0
LAFAYETTE TWP	15	7	8	0	14	0	1	0
MONTAGUE TWP	21	11	10	0	21	0	0	0
NEWTON TOWN	108	44	64	0	107	1	0	0
OGDENSBURG BORO	14	9	5	0	14	0	0	0
SANDYSTON TWP	14	8	6	0	14	0	0	0
SPARTA TWP	82	38	44	0	81	0	1	0
STANHOPE BORO	28	12	16	0	27	1	0	0
STILLWATER TWP	15	11	4	0	15	0	0	0
SUSSEX BORO	63	36	27	0	63	0	0	0
VERNON TWP	70	39	31	0	70	0	0	0
WANTAGE TWP	36	24	12	0	36	0	0	0
*TOTAL SUSSEX	890	433	457	0	883	5	2	0

TABLE-12 (Continued)
1987

UNION COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
BERKELEY HEIGHTS TWP	88	37	51	0	86	2	0	0
CLARK TWP	144	83	61	0	143	0	1	0
CRANFORD TWP	254	123	131	0	245	8	1	0
ELIZABETH CITY	1105	587	518	0	951	150	4	0
FANWOOD BORO	43	22	21	0	40	3	0	0
GARWOOD BORO	42	19	23	0	42	0	0	0
HILLSIDE TWP	207	114	93	0	170	35	2	0
KENILWORTH BORO	92	43	49	0	91	1	0	0
LINDEN CITY	456	232	224	0	391	61	3	1
MOUNTAINSIDE BORO	62	32	30	0	61	1	0	0
NEW PROVIDENCE BORO	97	45	52	0	97	0	0	0
PLAINFIELD CITY	485	233	252	0	214	260	8	3
RAHWAY CITY	259	119	140	0	228	31	0	0
ROSELLE BORO	214	107	107	0	170	43	1	0
ROSELLE PARK BORO	127	72	55	0	125	1	1	0
SCOTCH PLAINS TWP	169	78	91	0	149	20	0	0
SPRINGFIELD TWP	175	81	94	0	169	6	0	0
SUMMIT CITY	199	84	115	0	182	17	0	0
UNION TWP	614	312	302	0	563	48	2	1
WESTFIELD TOWN	215	109	106	0	200	12	2	1
WINFIELD TWP	17	6	11	0	17	0	0	0
*TOTAL UNION	5064	2538	2526	0	4334	699	25	6

TABLE-12 (Continued)

1967

WARREN COUNTY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
ALLAMUCHY TWP	14	6	8	0	14	0	0	0
ALPHA BORO	26	16	10	0	26	0	0	0
BELVIDERE TOWN	46	21	25	0	46	0	0	0
BLAIRSTOWN TWP	41	21	20	0	41	0	0	0
FRANKLIN TWP	19	12	7	0	19	0	0	0
FRELINGHUYSEN TWP	8	4	4	0	8	0	0	0
GREENWICH TWP	21	11	10	0	21	0	0	0
HACKETTSTOWN TOWN	78	38	40	0	77	1	0	0
HARDWICK TWP	5	4	1	0	5	0	0	0
HARMONY TWP	10	8	2	0	10	0	0	0
HOPE TWP	6	2	4	0	6	0	0	0
INDEPENDENCE TWP	14	4	10	0	14	0	0	0
KNOWLTON TWP	27	15	12	0	27	0	0	0
LIBERTY TWP	7	4	3	0	7	0	0	0
LOPATCONG TWP	30	16	14	0	30	0	0	0
MANSFIELD TWP	27	13	14	0	24	3	0	0
OXFORD TWP	16	6	10	0	16	0	0	0
PHILLIPSBURG TOWN	245	129	116	0	240	4	0	1
POHATCONG TWP	23	14	9	0	23	0	0	0
WASHINGTON BORO	4	2	2	0	4	0	0	0
WASHINGTON TWP	105	52	53	0	105	0	0	0
WHITE TWP	10	4	6	0	10	0	0	0
*TOTAL WARREN	782	402	380	0	773	8	0	1

TABLE-12 (Continued)

1987

STATE INST

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
N J ST HOSP GREYSTONE	2	2	0	0	2	0	0	0
N J ST HOSP TRENTON	1	1	0	0	1	0	0	0
N J ST PRISON	1	1	0	0	0	1	0	0
N J ST TRAINING SCHOOL VI	1	0	1	0	1	0	0	0
*TOTAL STATE INST	5	4	1	0	4	1	0	0

MILITARY

RESIDENCE	TOTAL	SEX			RACE			
		MALE	FEMALE	UNKN	WHITE	BLACK	OTHER	UNKN
FORT DIX	5	4	1	0	2	3	0	0
MCGUIRE AIR BASE FORT DIX	2	1	1	0	2	0	0	0
N J ST VETS ADM HOSP LYON	12	12	0	0	12	0	0	0
VETERANS HOSPITAL EAST OR	2	2	0	0	1	1	0	0
*TOTAL MILITARY	21	19	2	0	17	4	0	0

Marriages/Divorces
1987

TAB-E
MARRIAGES/DIVORCES

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Marriages/Divorces

1987

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CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Marriages/Divorces
1987

INTRODUCTION

Marriage statistics provided in this report were tabulated from items reported on marriage certificates filed with the New Jersey State Registrar for calendar year 1987. Divorce data were obtained from the New Jersey Superior Court, Chancery Division. Both marriages and divorces are recorded by place of occurrence or judgment. Therefore, statistics presented refer to the number of events occurring within New Jersey irrespective of place of residence of the participants. Rates published in this report for both marriages and divorces are based on the 1987 New Jersey annual estimates of population released by the New Jersey Department of Labor.

STATISTICAL OVERVIEW

Number of Marriages

The number of marriage certificates issued in New Jersey during 1987 showed decreases for the third year in a row from the 1984 high which was the highest level recorded since the start of marriage statistical reporting. The 1984 level surpassed the 1946 high of 61,020, the year following the end of World War II. The number of marriages for 1985 was 61,189, a decrease of 1,465 from 1984. The number of marriages in 1986 was 61,362 and, in 1987, the number dropped to 60,550. These numeric declines were enough to decrease the rate of marriages per 1,000 population to 7.9 in 1987. The 1983 and 1984 rates were the highest marriage rates per 1,000 population attained since 1951 when the level was 8.9 per 1,000 population. A low in the number of marriages, and the corresponding rate per 1,000 population, was reached in 1977 of 50,677 and 6.9.

The greatest number of marriages occurred in Essex County (6,804) with the lowest number recorded for Salem (454). Six of the state's counties accounted for over 50 percent of the marriages during 1987; in descending order they are Essex (6,804), Bergen (6,587), Middlesex (4,980), Hudson (4,578), Monmouth (4,510), and Passaic (3,982). In 1987 Cape May County recorded the highest marriage rate, 9.4 per 1,000 population, followed by Atlantic, Passaic, Somerset, and Hudson. Ocean County had the lowest rate, 6.4 per 1,000.

Previous Marital Status

Data on marital status showed that the proportion of men to women previously married has remained stable over the past five years. The decrease in first marriages between 1986 and 1987 was 1.1 percent for women and 0.7 percent for men. Sixty-three percent of all marriages were between persons marrying for the first time; in 74.6 percent of all marriages the woman was marrying for the first time. Divorced men were marrying in 24.5 percent of all marriages, and divorced women were marrying in 22.8 percent of all marriages.

Age

In 1987 the average age at time of marriage (regardless of previous marital status) was 27.8 years for women and 30.3 years for men, an increase for both sexes since 1986. The mean ages in 1986 were 27.6 years for women and 30.1 years for men. The number of women and men marrying before the age of 25 continues to decline. In 1987 38.5 percent of the women married before the age of 25, compared to 40.0 percent of the women in 1986, 42.3 percent in 1985, and 43.8 percent in 1984. The same pattern also applied to men marrying before the age of 25 -- 24.7 percent in 1987 versus 26.2 percent in 1986. In 1981 comparable figures were 35.8 percent or 20,793 males marrying before age 25. Teenage brides, likewise, continued their downward trend to a level of 3,677 compared to 4,077 in 1986 and 4,382 in 1985. Teenage brides comprised 6.1 percent of all brides in 1987, compared to 6.6 percent, 7.2 percent and 8.0 percent in 1986 through 1984, respectively.

DISSOLUTION OF MARRIAGE

For every two marriages during 1987, one divorce occurred. There were 27,222 divorces and annulments during the 1987 calendar year. This was a total of 447 less than in 1986. Since the marriage rate declined, the parallel decrease in divorces resulted in an unchanged ratio of marriages to divorces. The marriage dissolution rate, the number of dissolutions per 1,000 population, reached 4.1, an all-time high, in 1982. In 1983 and 1984 the rate returned to the 1981 level of 3.8 per 1,000 population. In 1985 the marriage dissolution rate increased slightly to 3.9, before falling to 3.6 in 1986 and then to 3.5 per 1,000 in 1987.

The ratio of divorces to marriages differed little among the counties. While the order was slightly different, the top ranking seven counties were the same as in 1984. These counties, Bergen, Essex, Middlesex, Monmouth, Hudson, Camden and Union, accounted for over 55 percent of the dissolutions that took place.

TABLE-1
NEW JERSEY
ESTIMATED AVERAGE AGE AT MARRIAGE AND PREVIOUS MARITAL STATUS: 1973-1987

					Previous Marital Status					
	Marriages		Average Age		WOMEN			MEN		
Year	Number	Rate	WOMEN	MEN	Percent Single	Percent Widowed	Percent Divorced	Percent Single	Percent Widowed	Percent Divorced
1973	59,723	8.1	25.8	28.3	80.1	4.7	15.2	78.2	4.6	17.2
1974	56,449	7.6	25.9	28.5	79.3	4.5	16.2	76.8	4.6	18.6
1975	53,008	7.2	26.1	28.8	78.0	4.5	17.5	75.4	4.7	19.9
1976	51,291	7.0	26.3	28.4	77.2	4.4	18.4	74.6	4.5	20.9
1977	50,677	6.9	26.4	29.1	76.8	4.1	19.1	73.9	4.3	21.8
1978	52,993	7.2	26.7	29.4	75.7	3.7	20.6	72.9	3.9	23.2
1979	54,740	7.5	26.3	29.1	75.4	4.1	20.5	72.4	4.2	23.5
1980	55,794	7.6	25.8	29.0	75.3	3.6	21.2	72.6	3.7	23.7
1981	58,010	7.8	26.7	29.3	74.4	3.3	22.0	71.9	3.5	24.4
1982	59,949	8.1	26.6	29.4	73.9	3.2	22.4	71.2	3.4	25.2
1983	61,798	8.3	26.7	29.5	74.0	3.0	22.7	71.5	3.2	25.1
1984	62,654	8.3	27.1	29.8	73.9	3.0	22.8	71.8	3.1	24.8
1985	61,189	8.1	27.8	30.3	74.2	2.7	23.0	72.0	2.8	25.1
1986	61,362	8.1	27.6	30.1	74.4	2.5	23.0	72.4	2.6	25.0
1987	60,550	7.9	27.8	30.3	74.6	2.6	22.8	72.9	2.6	24.5

TABLE-2

NEW JERSEY
MARRIAGES BY SEX, PREVIOUS MARITAL STATUS, AVERAGE AGE
1987

PLACE OF MARRIAGE	Total	WOMEN				MEN				AVERAGE AGE	
		Single	Widowed	Divorced	Unk	Single	Widowed	Divorced	Unk	Women	Men
STATE TOTAL	60,550	45,193	1,565	13,788	4	44,129	1,582	14,837	2	28	30
ATLANTIC COUNTY	1,905	1,341	57	507	0	1,314	43	548	0	28	31
BERGEN COUNTY	6,587	5,082	178	1,327	0	4,911	174	1,501	1	28	31
BURLINGTON COUNTY	3,023	2,140	81	801	1	2,091	98	834	0	28	30
CAMDEN COUNTY	3,422	2,465	92	865	0	2,414	101	907	0	28	31
CAPE MAY COUNTY	885	589	38	258	0	594	35	256	0	29	32
CUMBERLAND COUNTY	1,060	743	40	277	0	754	26	280	0	28	30
ESSEX COUNTY	6,804	5,423	143	1,238	0	5,219	158	1,427	0	28	30
GLOUCESTER COUNTY	1,637	1,192	45	400	0	1,158	38	441	0	27	30
HUDSON COUNTY	4,578	3,486	110	982	0	3,407	86	1,085	0	28	30
HUNTERDON COUNTY	775	535	20	220	0	515	19	241	0	28	31
MERCER COUNTY	2,452	1,807	59	584	2	1,740	69	643	0	28	31
MIDDLESEX COUNTY	4,980	3,797	93	1,090	0	3,726	95	1,159	0	27	30
MONMOUTH COUNTY	4,510	3,275	128	1,107	0	3,206	149	1,155	0	28	31
MORRIS COUNTY	3,418	2,572	69	777	0	2,545	76	797	0	28	30
OCEAN COUNTY	2,571	1,719	128	724	0	1,712	134	725	0	29	31
PASSAIC COUNTY	3,982	3,108	80	794	0	2,989	81	912	0	27	30
SALEM COUNTY	454	325	16	113	0	296	22	136	0	27	30
SOMERSET COUNTY	1,882	1,384	34	464	0	1,345	45	492	0	28	31
SUSSEX COUNTY	920	638	33	249	0	648	25	247	0	28	30
UNION COUNTY	3,943	3,024	106	812	1	2,986	91	865	1	28	30
WARREN COUNTY	681	494	14	173	0	506	15	160	0	27	29
STATE INSTITUTIONS	0	0	0	0	0	0	0	0	0	0	0
MILITARY POSTS	81	54	1	26	0	53	2	26	0	27	28

TABLE-3

MARRIAGES IN NEW JERSEY
BY PREVIOUS MARITAL STATUS OF HUSBAND,
BY PREVIOUS MARITAL STATUS OF WIFE
1987

PREVIOUS MARITAL STATUS OF WIFE	TOTAL		PREVIOUS MARITAL STATUS OF HUSBAND							
			SINGLE		WIDOWED		DIVORCED		UNKNOWN	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
SINGLE	45193	74.64	38125	86.39	277	17.51	6790	45.76	1	50.00
WIDOWED	1565	2.58	290	.66	669	42.29	605	4.08	1	50.00
DIVORCED	13788	22.77	5714	12.95	636	40.20	7438	50.13	0	.00
UNKNOWN	4	.01	0	.00	0	.00	4	.03	0	.00
TOTAL	60550	100.00	44129	100.00	1582	100.00	14837	100.00	2	100.00

TABLE-4

MARRIAGES IN NEW JERSEY
BY AGE OF HUSBAND
BY AGE OF WIFE
1987

AGE GROUP OF		AGE GROUP OF HUSBAND															
WIFE	TOTAL	<15	15	16	17	18	19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+	UNK
<15	20	0	0	0	1	2	3	7	3	2	0	1	1	0	0	0	0	0
15	42	0	0	2	2	11	5	18	4	0	0	0	0	0	0	0	0	0
16	225	0	0	3	13	33	42	109	19	5	1	0	0	0	0	0	0	0
17	392	0	1	1	14	54	72	202	43	4	0	1	0	0	0	0	0	0
18	1208	0	0	5	13	115	159	684	175	38	8	8	3	0	0	0	0	0
19	1790	1	0	3	8	54	177	1114	321	86	19	5	1	0	1	0	0	0
20-24	19634	1	0	3	9	96	217	9038	7842	1781	445	141	42	13	4	2	0	0
25-29	18189	2	0	0	2	13	42	2054	9414	4475	1423	507	171	56	20	8	2	0
30-34	8350	0	0	0	0	3	7	402	1603	3016	1789	829	325	107	41	16	12	0
35-39	4583	0	0	0	0	0	5	97	467	940	1267	930	486	226	110	42	13	0
40-44	2632	0	0	0	0	0	0	37	94	256	453	670	521	318	174	67	42	0
45-49	1475	1	0	0	0	0	0	8	25	66	117	239	358	314	193	113	41	0
50-54	749	0	0	0	0	0	1	2	6	12	31	55	72	193	164	137	76	0
55-59	480	0	0	0	0	0	0	0	3	2	5	14	14	59	122	131	130	0
60-64	336	0	0	0	0	0	0	0	1	1	2	1	9	11	42	103	166	0
65+	444	0	0	0	0	0	0	0	1	0	1	0	3	8	22	42	367	0
UNKN.	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
TOTAL	60550	5	1	17	62	381	730	13772	20222	10684	5561	3401	2006	1305	893	661	849	0

TABLE-5

MARRIAGES IN NEW JERSEY
BY AGE OF HUSBAND AT FIRST MARRIAGE
BY AGE OF WIFE
1987

AGE GROUP OF WIFE	TOTAL	AGE GROUP OF HUSBAND															
		<15	15	16	17	18	19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+
<15	18	0	0	0	1	2	3	7	3	1	0	1	0	0	0	0	0
15	42	0	0	2	2	11	5	18	4	0	0	0	0	0	0	0	0
16	218	0	0	3	13	33	42	106	16	4	1	0	0	0	0	0	0
17	380	0	1	1	14	54	72	202	33	3	0	0	0	0	0	0	0
18	1148	0	0	5	13	115	159	672	149	25	4	5	1	0	0	0	0
19	1680	1	0	3	8	54	177	1096	283	51	6	1	0	0	0	0	0
20-24	17818	1	0	3	9	96	216	8898	7170	1208	173	36	8	0	0	0	0
25-29	14709	2	0	0	2	13	42	1989	8695	3217	585	124	26	10	3	1	0
30-34	5011	0	0	0	0	3	7	386	1541	2061	771	181	41	12	7	0	1
35-39	1882	0	0	0	0	0	5	92	383	573	503	215	78	20	7	5	1
40-44	681	0	0	0	0	0	0	36	73	143	158	134	74	37	12	8	6
45-49	280	1	0	0	0	0	0	7	18	48	44	63	52	30	10	4	3
50-54	121	0	0	0	0	0	1	2	3	7	15	20	17	22	17	12	5
55-59	70	0	0	0	0	0	0	0	0	2	3	6	3	9	16	12	19
60-64	26	0	0	0	0	0	0	0	1	1	0	0	3	2	4	8	7
65+	44	0	0	0	0	0	0	0	0	0	0	0	2	4	4	7	27
UNKN.	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
TOTAL	44129	5	1	17	62	381	729	13511	18373	7344	2263	786	305	146	80	57	69

TABLE-6

MARRIAGES IN NEW JERSEY
BY AGE OF HUSBAND
BY AGE OF WIFE AT FIRST MARRIAGE
1987

AGE GROUP OF WIFE		AGE GROUP OF HUSBAND																
	TOTAL	<15	15	16	17	18	19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+	UNK
<15	19	0	0	0	1	2	3	7	2	2	0	1	1	0	0	0	0	0
15	42	0	0	2	2	11	5	18	4	0	0	0	0	0	0	0	0	0
16	225	0	0	3	13	33	42	109	19	5	1	0	0	0	0	0	0	0
17	392	0	1	1	14	54	72	202	43	4	0	1	0	0	0	0	0	0
18	1203	0	0	5	13	115	159	682	173	38	8	8	2	0	0	0	0	0
19	1777	1	0	3	8	53	175	1111	316	84	19	5	1	0	1	0	0	0
20-24	18916	1	0	3	9	92	205	8824	7520	1673	405	130	38	12	4	0	0	0
25-29	15454	2	0	0	1	10	35	1722	8304	3727	1102	348	126	50	18	8	1	0
30-34	4746	0	0	0	0	3	4	203	1009	1828	993	442	173	50	26	10	5	0
35-39	1499	0	0	0	0	0	2	30	154	332	437	273	150	69	32	17	3	0
40-44	506	0	0	0	0	0	0	10	19	55	72	112	101	72	38	15	12	0
45-49	192	0	0	0	0	0	0	3	7	14	12	36	45	30	21	16	8	0
50-54	95	0	0	0	0	0	0	0	2	2	5	7	11	22	16	16	14	0
55-59	61	0	0	0	0	0	0	0	1	0	0	2	1	12	14	14	17	0
60-64	25	0	0	0	0	0	0	0	1	0	0	0	2	2	0	9	11	0
65+	40	0	0	0	0	0	0	0	1	0	0	0	1	2	3	1	32	0
UNKN.	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
TOTAL	45193	4	1	17	61	373	702	12921	17576	7764	3054	1365	652	321	173	106	103	0

TABLE-7
*DIVORCES IN NEW JERSEY: 1971-1987
By County of Origin

Year	Atlantic	Bergen	Burlington	Camden	Cape May	Cumberland	Essex	Gloucester	Hudson	Hunterdon	Mercer	Middlesex	Monmouth	Morris	Ocean	Passaic	Salem	Somerset	Sussex	Union	Warren	Total
1971	376	1531	514	946	95	298	1484	295	782	127	619	1177	836	566	500	829	108	352	136	1148	128	12847
1972	405	1710	547	958	136	396	1825	332	878	188	830	1364	1123	852	635	926	142	520	163	955	132	15017
1973	585	2431	1078	1418	184	472	2505	485	1477	210	1208	1835	1548	1275	924	1377	181	475	232	1616	538	22054
1974	594	2193	896	1387	194	448	2314	535	1247	221	980	1602	1570	1037	843	1224	184	699	245	1313	254	19880
1975	646	2363	897	1254	178	442	2099	515	1356	259	1183	1582	1665	1281	959	1278	141	598	284	1243	252	20475
1976	753	2407	981	1287	227	443	2263	549	1314	236	1242	1692	1720	1234	968	1197	156	499	298	1279	245	20990
1977	546	1999	1088	1267	241	531	2158	493	1557	253	1005	1558	1377	909	1097	1169	198	659	318	1166	307	19894
1978	746	2370	1209	1473	292	527	2377	672	1826	298	1330	2066	1718	1473	1358	1519	198	717	424	1767	392	24752
1979	570	2530	1381	1596	220	491	2388	657	1601	271	1215	1961	1654	1445	1138	1427	193	769	360	1650	317	23934
1980	676	2734	1386	1635	265	547	2440	850	1846	378	1251	2377	1818	1371	1421	1482	259	849	383	1467	348	25783
1981	938	3104	1551	1906	320	421	2580	815	1931	435	1292	2426	1950	1580	1493	1571	219	691	437	1812	380	27852
1982	941	3124	1614	1792	352	567	2904	1028	2269	395	1304	2489	2319	1864	1599	1895	229	859	538	1852	388	30322
1983	945	2758	1404	1786	341	601	2909	754	1992	389	1233	2218	2078	1604	1404	1781	243	807	481	1800	395	27923
1984	910	2956	1429	1762	422	571	2611	728	2001	407	1074	2497	2158	1780	1613	1742	224	888	554	1792	351	28470
1985	909	2962	1481	1848	373	611	2760	754	2003	424	1289	2568	2279	1782	1699	1631	262	794	508	1978	380	29295
1986	922	2841	1422	1819	390	568	2671	714	2094	359	1012	2503	2002	1605	1581	1509	234	794	512	1786	331	27669
1987	891	2649	1531	1849	353	549	2426	904	2024	400	1143	2354	1867	1575	1448	1509	263	778	479	1876	354	27222

* Includes annulments. # Court Year: September 1, through August 31 1968-1983. Calendar year used starting with 1984.

TABLE-8
DIVORCES AND ANNULMENTS IN NEW JERSEY
January - December: 1987

County	Total	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
New Jersey	27,222	2,686	1,705	1,794	2,247	2,692	2,467	2,398	2,973	1,890	2,190	1,825	2,355
Atlantic County	891	111	65	56	67	80	67	96	95	68	51	58	77
Bergen County	2,649	286	220	165	229	234	274	218	257	174	216	167	209
Burlington County	1,531	170	100	109	127	141	142	125	170	114	124	81	128
Camden County	1,849	180	126	142	152	149	153	205	192	126	144	123	157
Cape May County	353	49	11	19	27	36	31	39	48	31	8	25	29
Cumberland County	549	52	54	30	37	55	58	37	48	29	60	46	43
Essex County	2,426	247	102	143	220	203	217	262	315	165	155	152	245
Gloucester County	904	74	35	67	80	95	76	88	115	75	77	54	68
Hudson County	2,024	197	132	187	159	134	234	161	218	131	156	105	210
Hunterdon County	400	35	26	25	34	36	32	23	51	30	34	29	45
Mercer County	1,143	101	64	72	87	124	77	113	129	92	101	67	116
Middlesex County	2,354	222	109	136	205	288	216	176	207	181	269	162	183
Monmouth County	1,867	167	126	137	129	200	175	155	229	140	131	122	156
Morris County	1,575	156	89	90	155	182	152	121	189	111	124	78	128
Ocean County	1,448	122	99	83	125	140	125	129	184	104	109	103	125
Passaic County	1,509	138	119	74	93	194	118	151	152	74	126	156	114
Salem County	263	28	12	17	19	26	22	29	27	15	24	21	23
Somerset County	778	87	44	58	59	103	51	31	89	61	74	60	61
Sussex County	479	54	30	32	37	63	44	39	43	12	43	45	37
Union County	1,876	179	127	127	178	175	171	164	182	136	133	146	158
Warren County	354	31	15	25	28	34	32	36	33	21	31	25	43

Note: Totals from New Jersey Superior Court

Municipality Gross Summary
1987

TAB-F
MUNICIPALITY GROSS SUMMARY

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Municipality Gross Summary
1987

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CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Municipality Gross Summary 1987

INTRODUCTION

Annually, the New Jersey Department of Health has produced County tables with individual Municipality summaries of marriages, births and deaths (infant, fetal, neonatal). These tables also include the latest population totals for each Municipality released by the New Jersey Department of Labor, Office of Demographic and Economic Analysis.

These special County-Municipality tables were originally produced to provide vital statistics information to local health officers and various programs within the Department of Health. Increased requests for these tables have been received from researchers and the public. Thus, this section presents the seven above-mentioned items in one table summarizing data for each of the 21 counties and 567 municipalities in New Jersey. Crude birth or mortality rates are not included; they are presented elsewhere in this report for the State and for each of the 21 counties.

NOTE: [1] Infant Death refers to a death occurring to a live born individual of less than 1 year of age.

[2] Fetal Death is defined as death prior to the complete expulsion or extraction from its mother of a product of conception; the fetus shows no signs of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.

[3] Neonatal Death refers to a live born infant who dies before completing four weeks (28 days of life).

ESTIMATED POPULATION, MARRIAGES, BIRTHS, DEATHS, INFANT DEATHS, FETAL DEATHS AND NEONATAL DEATHS BY COUNTIES

1987

NEW JERSEY

County	Population	Marriages	Births	Deaths	Infant[1] Deaths	Fetal[2] Deaths	Neonatal[3] Deaths
Atlantic	208,542	1,905	3,507	2,390	33	80	28
Bergen	830,467	6,587	9,711	7,819	62	55	44
Burlington	388,129	3,023	5,473	2,839	38	89	28
Camden	496,318	3,422	8,500	4,423	87	165	58
Cape May	94,160	885	1,298	1,183	14	28	11
Cumberland	137,571	1,060	2,178	1,288	29	48	17
Essex	844,545	6,804	13,262	8,572	175	165	114
Gloucester	213,043	1,637	3,190	1,725	32	60	20
Hudson	547,196	4,578	8,750	5,871	85	83	49
Hunterdon	98,914	775	1,446	627	7	17	4
Mercer	327,123	2,452	4,774	3,090	72	53	54
Middlesex	645,709	4,980	9,538	5,120	77	76	62
Monmouth	553,618	4,510	8,020	5,152	73	61	47
Morris	419,438	3,418	5,616	2,934	39	36	25
Ocean	402,998	2,571	5,560	5,371	37	40	30
Passaic	463,736	3,982	7,632	4,292	74	76	44
Salem	65.371	454	813	658	4	12	2
Somerset	221,628	1,882	3,200	1,612	28	28	21
Sussex	124,323	920	2,099	890	11	7	9
Union	502,468	3,943	7,101	5,064	65	64	39
Warren	87,227	681	1,375	782	12	13	11
State Institutions		0	1	5	0	0	0
Military Posts		81	190	21	3	7	2
TOTAL	7,672,524	60,550	113,234	71,728	1,057	1,263	719

Note: Marriage data by place of occurrence, all other by place of residence.
Population used in this table from the "Population Estimates for New Jersey" issued by the Division of Labor Market and Demographic Research, Department of Labor, October, 1987.
Population not available for State Institutions and Military Posts. County population totals may not add due to rounding.

ATLANTIC COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Absecon City	7,557	104	153	84	2	5	0
Atlantic City	35,431	406	849	737	13	32	12
Brigantine City	10,168	84	145	97	0	3	0
Buena Boro	3,699	44	87	41	1	0	1
Buena Vista Twp.	7,448	68	65	45	1	1	1
Corbin City	243	3	3	3	0	0	0
Egg Harbor City	4,558	71	128	52	0	2	0
Egg Harbor Twp.	22,506	113	324	104	5	3	5
Estell Manor City	1,038	5	14	7	0	0	0
Folsom Boro	1,938	8	12	19	0	0	0
Galloway Twp.	19,861	171	263	62	1	4	1
Hamilton Twp.	12,936	100	275	120	1	7	0
Hammonton Town	12,347	136	237	177	1	0	0
Linwood City	6,344	65	80	68	0	4	0
Longport Boro	1,253	16	6	22	0	0	0
Margate City	8,986	101	60	117	0	2	0
Mullica Twp.	5,421	38	58	28	0	2	0
Northfield City	7,639	60	114	80	1	2	1
Pleasantville City	14,757	134	315	207	6	8	6
Port Republic City	888	17	8	7	0	0	0
Somers Point City	10,525	84	191	146	1	1	1
Ventnor City	11,541	69	90	153	0	4	0
Weymouth Twp.	1,458	8	30	14	0	0	0
Total	208,542	1,905	3,507	2,390	33	80	28

NOTE: Marriage data by place of occurrence, all other by place of residence.

BERGEN COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Allendale Boro	6,038	30	63	48	0	0	0
Alpine Boro	1,691	29	17	2	0	0	0
Bergenfield Boro	24,936	188	325	240	2	0	2
Bogota Boro	7,880	89	108	75	0	1	0
Carlstadt Boro	6,053	32	79	60	1	0	1
Cliffside Park Boro	20,453	130	209	247	0	1	0
Closter Boro	8,042	56	90	68	0	0	0
Cresskill Boro	7,623	169	54	73	1	0	0
Demarest Boro	4,868	31	34	44	0	0	0
Dumont Boro	17,708	96	221	180	1	1	1
East Rutherford Boro	7,890	120	121	91	1	1	1
Edgewater Boro	4,674	87	76	48	2	1	2
Elmwood Park Boro	17,791	106	231	194	1	0	1
Emerson Boro	7,486	94	75	64	0	0	0
Englewood City	23,672	204	363	260	4	2	3
Englewood Cliffs Boro	5,774	16	41	39	1	0	0
Fair Lawn Boro	30,816	146	308	335	3	5	3
Fairview Boro	10,210	182	202	139	5	3	4
Fort Lee Boro	32,406	129	328	338	2	1	2
Franklin Lakes Boro	9,900	73	80	49	0	0	0
Garfield City	26,042	196	407	310	1	3	1
Glen Rock Boro	10,885	68	135	71	1	0	1
Hackensack City	35,954	384	511	364	2	4	2
Harrington Park Boro	4,525	35	49	22	0	0	0

BERGEN COUNTY
(Continued)

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Hasbrouck Heights Boro	11,548	136	124	134	1	0	0
Haworth Boro	3,380	38	27	46	1	1	1
Hillsdale Boro	10,220	59	106	78	2	1	1
Hohokus Boro	4,000	53	46	32	1	0	0
Leonia Boro	8,041	72	96	68	0	0	0
Little Ferry Boro	9,870	72	133	96	1	2	0
Lodi Boro	22,682	134	324	232	1	2	1
Lyndhurst Twp.	19,769	138	201	237	2	0	0
Mahwah Twp.	14,738	87	166	91	1	4	0
Maywood Boro	9,646	74	114	122	1	1	1
Midland Park Boro	7,026	55	99	67	1	0	1
Montvale Boro	7,462	26	80	41	0	0	0
Moonachie Boro	2,730	21	32	27	0	0	0
New Milford Boro	16,143	64	174	169	2	2	0
North Arlington Boro	15,744	116	172	207	0	2	0
North Vale Boro	4,894	37	39	20	0	0	0
Norwood Boro	4,633	66	47	44	0	0	0
Oakland Boro	12,832	69	147	89	0	2	0
Old Tappan Boro	4,400	37	47	26	0	0	0
Oradell Boro	8,308	64	72	70	2	0	2
Palisades Park Boro	13,325	86	215	143	0	1	0
Paramus Boro	25,633	209	194	227	1	0	0
Park Ridge Boro	8,545	121	95	60	0	0	0
Ramsey Boro	13,221	114	153	66	0	0	0

BERGEN COUNTY
(Continued)

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Ridgefield Boro	9,884	120	137	118	1	0	1
Ridgefield Park Twp.	12,181	44	104	87	0	0	0
Ridgewood Village	24,522	216	235	192	2	2	1
River Edge Boro	10,442	69	103	117	2	0	2
River Vale Twp.	9,561	21	106	65	0	0	0
Rochelle Park Twp.	5,249	88	107	98	2	0	2
Rockleigh Boro	184	7	2	1	0	0	0
Rutherford Boro	18,194	179	185	180	2	2	2
Saddle Brook Twp.	13,654	96	154	131	1	0	0
Saddle River Boro	2,979	59	21	14	0	0	0
South Hackensack Twp.	2,213	8	30	21	0	1	0
Teaneck Twp.	37,806	222	523	339	4	2	4
Tenafly Boro	13,160	163	97	100	0	0	0
Teterboro Boro	22	1	3	0	0	0	0
Upper Saddle River Boro	7,796	99	58	38	0	0	0
Waldwick Boro	10,344	22	136	72	1	0	0
Wallington Boro	10,310	56	147	122	0	3	0
Washington Twp.	10,085	62	97	48	1	0	0
Westwood Boro	10,789	75	137	121	1	1	1
Wood-Ridge Boro	7,911	78	77	61	0	3	0
Woodcliff Lake Boro	5,554	98	53	28	0	0	0
Wyckoff Twp.	15,520	166	169	113	0	0	0
Total	830,467	6,587	9,711	7,819	62	55	44

BURLINGTON COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Bass River Twp.	1,404	7	28	12	0	1	0
Beverly City	2,759	56	84	42	0	0	0
Bordentown City	4,278	46	35	72	0	1	0
Bordentown Twp.	7,462	40	140	58	2	1	2
Burlington City	10,143	148	218	145	6	6	6
Burlington Twp.	11,546	72	163	93	1	0	1
Chesterfield Twp.	4,477	21	33	16	0	0	0
Cinnaminson Twp.	15,354	155	127	125	0	3	0
Delanco Twp.	3,580	30	57	49	0	1	0
Delran Twp.	14,036	44	141	83	0	2	0
Eastampton Twp.	3,958	24	59	3	0	0	0
Edgewater Park Twp.	8,979	37	103	42	0	1	0
Evesham Twp.	31,922	140	514	151	4	5	2
Fieldsboro Boro	570	0	4	7	0	0	0
Florence Twp.	9,404	63	156	108	2	2	2
Hainsport Twp.	3,220	45	35	19	1	0	1
Lumberton Twp.	5,394	39	57	29	0	0	0
Mansfield Twp.	3,293	20	31	16	0	0	0
Maple Shade Twp.	19,377	156	275	214	0	8	0
Medford Lakes Boro	4,972	341	47	27	0	1	0
Medford Twp.	20,248	189	246	140	1	5	0
Moorestown Twp.	15,606	157	168	192	1	3	1
Mount Holly Twp.	10,600	161	306	175	2	7	2
Mount Laurel Twp.	28,521	107	345	119	1	5	0

BURLINGTON COUNTY
(Continued)

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
New Hanover Twp.	15,896	106	215	1	0	0	0
North Hanover Twp.	8,800	32	119	11	1	0	1
Palmyra Boro	7,106	67	116	76	0	1	0
Pemberton Boro	1,129	14	26	26	3	1	2
Pemberton Twp.	30,411	160	529	175	2	3	1
Riverside Twp.	7,665	135	127	101	1	0	0
Riverton Boro	2,876	8	27	14	1	0	1
Shamong Twp.	5,145	16	52	17	0	0	0
Southampton Twp.	9,217	19	121	147	0	3	0
Springfield Twp.	2,838	33	31	14	0	0	0
Tabernacle Twp.	6,866	47	65	36	0	0	0
Washington Twp.	793	6	13	3	0	0	0
Westampton Twp.	5,124	18	100	6	0	1	0
Willingboro Twp.	38,015	251	513	237	7	24	5
Woodland Twp.	1,999	4	12	7	1	1	0
Wrightstown Boro	3,146	9	35	31	1	3	1
Total	388,129	3,023	5,473	2,839	38	89	28

CAMDEN COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Audubon Boro	9,455	70	119	93	2	1	2
Audubon Park Boro	1,264	2	10	19	0	0	0
Barrington Boro	7,382	43	83	58	1	4	1
Bellmawr Boro	13,561	84	161	128	2	2	1
Berlin Boro	5,944	103	187	100	1	3	0
Berlin Twp.	5,576	24	59	21	0	0	0
Brooklawn Boro	2,087	14	17	26	1	0	0
Camden City	81,675	565	2,360	855	37	51	27
Cherry Hill Twp.	73,655	529	796	594	2	14	1
Chesilhurst Boro	1,676	11	19	9	0	0	0
Clementon Boro	5,865	42	181	82	1	3	1
Collingswood Boro	15,367	111	224	222	1	7	0
Gibbsboro Boro	2,640	26	42	27	0	0	0
Gloucester City	13,196	104	212	196	4	3	2
Gloucester Twp.	51,647	245	619	224	1	8	1
Haddon Heights Boro	8,150	89	109	81	2	1	1
Haddon Twp.	15,849	123	225	180	2	2	2
Haddonfield Boro	12,151	154	107	111	2	3	0
Hi-Nella Boro	1,188	4	24	8	0	0	0
Laurel Springs Boro	2,270	29	85	14	0	3	0
Lawnside Boro	3,005	28	33	44	1	1	0
Lindenwold Boro	18,305	86	389	106	1	8	0
Magnolia Boro	4,888	72	90	46	3	0	2
Merchantville Boro	3,939	129	55	58	1	0	1

CAMDEN COUNTY
(Continued)

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Mount Ephraim Boro	4,813	51	51	62	0	1	0
Oaklyn Boro	4,199	26	81	67	0	1	0
Pennsauken Twp.	34,384	186	542	383	8	12	7
Pine Hill Boro	9,069	48	176	56	0	0	0
Pine Valley Boro	25	0	0	0	0	0	0
Runnemede Boro	9,308	94	118	78	1	6	1
Somerdale Boro	5,828	52	118	63	2	3	1
Stratford Boro	7,850	29	129	73	2	3	2
Tavistock Boro	12	0	0	0	0	0	0
Voorhees Twp.	20,500	69	345	101	4	7	1
Waterford Twp.	10,068	48	191	81	0	6	0
Winslow Twp.	26,967	117	493	123	5	10	4
Woodlynne Boro	2,560	15	50	34	0	2	0
Total	496,318	3,422	8,500	4,423	87	165	58

CAPE MAY COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Avalon Boro	2,415	23	20	34	0	1	0
Cape May City	5,898	152	74	95	2	4	1
Cape May Point Boro	295	2	5	5	0	0	0
Dennis Twp.	4,883	24	85	43	0	0	0
Lower Twp.	19,784	113	285	244	2	2	2
Middle Twp.	13,522	92	201	186	2	5	2
North Wildwood City	4,908	35	70	64	2	0	2
Ocean City	15,624	152	171	216	2	8	1
Sea Isle City	2,964	36	38	36	1	0	1
Stone Harbor Boro	1,281	22	10	22	1	0	1
Upper Twp.	9,207	80	139	70	0	2	0
West Cape May Boro	1,243	3	16	15	0	0	0
West Wildwood Boro	368	0	3	3	0	0	0
Wildwood City	4,936	72	103	87	1	4	0
Wildwood Crest Boro	4,163	64	30	44	1	0	1
Woodbine Boro	2,669	15	48	19	0	2	0
Total	94,160	885	1,298	1,183	14	28	11

CUMBERLAND COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Bridgeton City	18,745	181	453	307	9	12	4
Commercial Twp.	4,969	21	74	30	0	0	0
Deerfield Twp.	2,773	12	33	21	1	0	0
Downe Twp.	1,930	11	21	16	1	0	0
Fairfield Twp.	5,924	38	77	21	1	0	1
Greenwich Twp.	981	7	6	7	0	0	0
Hopewell Twp.	4,472	31	32	27	0	1	0
Lawrence Twp.	2,386	20	36	21	0	0	0
Maurice River Twp.	6,079	41	44	23	0	0	0
Millville City	25,751	216	454	294	0	4	0
Shiloh Boro	593	4	11	2	6	7	4
Stow Creek Twp.	1,458	2	11	7	0	0	0
Upper Deerfield Twp.	7,013	37	95	53	0	0	0
Vineland City	54,497	439	831	459	2	2	1
Total	137,571	1,060	2,178	1,288	29	48	17

ESSEX COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Belleville Town	36,290	169	444	371	5	2	5
Bloomfield Town	47,988	297	573	527	1	4	1
Caldwell Boro	7,691	115	101	119	0	0	0
Cedar Grove Twp.	12,662	79	141	122	0	0	0
East Orange City	77,140	518	1,533	890	27	18	15
Essex Fells Boro	2,370	35	20	15	0	0	0
Fairfield Boro	8,438	80	58	46	0	2	0
Glen Ridge Boro	7,853	40	107	70	0	0	0
Irvington Town	62,251	348	1,114	603	13	9	8
Livingston Twp.	28,737	392	241	203	2	5	2
Maplewood Twp.	22,932	112	320	239	2	3	0
Millburn Twp.	19,519	211	168	172	0	1	0
Montclair Town	38,790	377	503	388	5	2	4
Newark City	315,196	2,405	6,014	3,192	97	100	64
North Caldwell Boro	6,834	28	47	19	0	0	0
Nutley Town	29,229	253	314	339	3	0	1
Orange City	31,805	302	614	353	10	10	6
Roseland Boro	5,516	42	42	54	1	0	1
South Orange Village	16,262	254	141	126	0	0	0
Verona Boro	14,202	204	167	155	3	2	2
West Caldwell Boro	11,575	18	141	89	0	1	0
West Orange Town	41,265	525	459	480	6	6	5
Total	844,545	6,804	13,262	8,572	175	165	114

GLOUCESTER COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Clayton Boro	5,655	43	100	39	0	2	0
Deptford Twp.	24,455	155	243	154	5	9	4
East Greenwich Twp.	4,651	17	66	46	0	2	0
Elk Twp.	3,403	12	47	13	1	0	1
Franklin Twp.	14,070	67	175	90	2	1	2
Glassboro Boro	14,605	121	218	105	4	4	3
Greenwich Twp.	5,276	34	68	68	0	0	0
Harrison Twp.	3,947	46	76	51	1	3	1
Logan Twp.	3,528	13	38	10	1	1	0
Mantua Twp.	9,978	83	238	138	5	5	2
Monroe Twp.	23,159	189	408	183	0	7	0
National Park Boro	3,437	54	46	39	0	1	0
Newfield Boro	1,559	23	78	31	2	4	1
Paulsboro Boro	6,600	51	116	89	3	1	2
Pitman Boro	9,424	67	125	106	1	1	1
South Harrison Twp.	1,782	5	15	4	0	0	0
Swedesboro Boro	2,030	38	81	31	0	2	0
Washington Twp.	35,346	159	389	117	4	5	1
Wenonah Boro	2,240	20	66	53	0	1	0
West Deptford Twp.	18,351	185	207	84	1	4	1
Westville Boro	4,545	36	111	62	0	3	0
Woodbury City	10,321	168	213	176	1	4	1
Woodbury Heights	3,437	48	51	30	1	0	0
Woolwich Twp.	1,244	3	15	6	0	0	0
Total	213,043	1,637	3,190	1,725	32	60	20

HUDSON COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Bayonne City	61,839	445	697	795	5	2	2
East Newark Boro	1,802	92	36	20	0	0	0
Guttenberg Town	7,569	59	142	63	4	1	3
Harrison Town	12,372	66	191	142	3	1	0
Hoboken City	41,698	218	458	338	1	3	0
Jersey City	217,251	1,784	4,266	2,483	49	43	29
Kearny Town	34,368	250	470	384	6	3	3
North Bergen Twp.	46,692	307	646	543	2	11	1
Secaucus Town	15,561	137	164	155	0	0	0
Union City	54,913	549	938	470	9	13	5
Weehawken Twp.	13,005	125	178	114	1	2	1
West New York Town	40,126	546	564	364	5	4	5
Total	547,196	4,578	8,750	5,871	85	83	49

HUNTERDON COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Alexandria Twp.	3,210	20	55	17	0	0	0
Bethlehem Twp.	3,210	10	41	5	0	1	0
Bloomsbury Boro	786	17	13	10	0	1	0
Califon Boro	1,071	17	24	7	0	0	0
Clinton Town	1,833	18	32	24	0	3	0
Clinton Twp.	10,164	61	112	24	0	1	0
Delaware Twp.	3,947	43	44	20	0	0	0
East Amwell Twp.	3,822	16	66	19	0	1	0
Flemington Boro	4,527	73	101	62	1	0	1
Franklin Twp.	2,450	20	39	22	2	0	0
Frenchtown Boro	1,532	35	27	17	1	1	1
Glen Gardner Boro	1,520	4	28	24	0	0	0
Hampton Boro	1,675	25	25	13	0	0	0
High Bridge Boro	3,662	19	73	23	0	0	0
Holland Twp.	4,632	11	53	16	0	0	0
Kingwood Twp.	2,953	20	50	21	0	1	0
Lambertville City	3,827	77	54	54	1	1	0
Lebanon Boro	1,105	13	14	18	0	1	0
Lebanon Twp.	5,492	20	102	41	0	1	0
Milford Boro	1,339	32	19	21	0	2	0
Raritan Twp.	12,670	34	204	61	1	3	1
Readington Twp.	12,044	91	150	68	1	0	1
Stockton Boro	615	18	12	3	0	0	0
Tewksbury Twp.	4,509	38	45	15	0	0	0
Union Twp.	4,037	27	38	21	0	0	0
West Amwell Twp.	2,282	16	25	1	0	0	0
Total	98,914	775	1,446	627	7	17	4

MERCER COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
East Windsor Twp.	23,171	50	220	116	5	1	4
Ewing Twp.	35,656	171	395	349	4	1	3
Hamilton Twp.	87,106	706	1,078	772	15	5	12
Hightstown Boro	4,843	94	95	66	0	1	0
Hopewell Boro	2,021	12	21	4	0	0	0
Hopewell Twp.	11,282	79	124	83	2	0	2
Lawrence Twp.	25,166	124	280	157	4	4	4
Pennington Boro	2,276	45	27	21	1	0	1
Princeton Boro	12,172	276	130	99	3	1	2
Princeton Twp.	14,288	134	119	83	0	3	0
Trenton City	90,646	709	2,078	1,263	36	35	24
Washington Twp.	5,347	13	83	36	1	1	1
West Windsor Twp.	13,149	39	124	41	1	1	1
Total	327,123	2,452	4,774	3,090	72	53	54

MIDDLESEX COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Carteret Boro	19,242	147	270	196	6	6	6
Cranbury Twp.	2,292	40	65	92	2	0	2
Dunellen Boro	6,234	93	109	59	0	1	0
East Brunswick Twp.	44,508	302	548	239	3	2	3
Edison Twp.	84,159	438	1,376	593	9	7	7
Helmetta Boro	975	1	19	13	0	0	0
Highland Park Boro	12,915	37	205	118	1	3	1
Jamesburg Boro	4,806	41	138	61	0	0	0
Metuchen Boro	12,899	191	190	142	1	3	0
Middlesex Boro	13,163	76	196	117	2	0	2
Milltown Boro	6,960	51	113	71	0	1	0
Monroe Twp.	21,143	68	173	168	1	0	1
New Brunswick City	39,568	933	623	378	7	14	4
North Brunswick Twp.	26,165	77	372	169	3	1	2
Old Bridge Twp.	56,622	398	684	331	6	5	4
Perth Amboy City	36,881	441	835	409	9	5	8
Piscataway Twp.	44,059	288	639	219	4	5	3
Plainsboro Twp.	11,395	52	208	35	0	4	0
Sayreville Boro	34,894	162	491	304	3	2	3
South Amboy City	7,697	99	219	144	4	1	3
South Brunswick Twp.	22,838	136	365	94	0	3	0
South Plainfield Boro	20,549	143	300	163	2	3	1
South River Boro	13,243	115	206	139	2	2	0
Spotswood Boro	8,495	88	74	83	1	0	1
Woodbridge Twp.	94,007	563	1,120	783	11	8	11
Total	645,709	4,980	9,538	5,120	77	76	62

MONMOUTH COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Aberdeen Twp.	19,003	91	227	90	1	4	0
Allenhurst Boro	880	7	17	13	0	0	0
Allentown Boro	1,864	18	31	18	0	2	0
Asbury Park City	16,061	235	400	246	8	3	5
Atlantic Highlands Boro	4,925	70	131	68	0	0	0
Avon-by-the-Sea-Boro	2,244	35	30	36	0	1	0
Belmar Boro	6,268	90	81	96	0	1	0
Bradley Beach Boro	4,846	41	83	54	1	2	0
Brielle Boro	4,530	49	38	42	0	1	0
Colts Neck Twp.	8,393	56	83	36	0	0	0
Deal Boro	1,829	19	31	17	0	1	0
Eatontown Boro	13,406	92	318	101	2	3	0
Englishtown Boro	1,118	22	59	78	1	0	0
Fair Haven Boro	5,472	39	75	42	1	0	1
Farmingdale Boro	1,372	43	54	18	0	0	0
Freehold Boro	10,446	164	169	81	4	2	2
Freehold Twp.	22,823	115	303	221	3	1	3
Hazlet Twp.	22,936	102	250	174	1	2	0
Highlands Boro	5,150	41	88	64	0	0	0
Holmdel Twp.	11,192	119	83	79	0	0	0
Howell Twp.	36,112	158	620	186	5	4	4
Interlaken Boro	968	3	4	18	0	0	0
Keansburg Boro	10,522	79	225	155	2	1	2
Keyport Boro	7,443	91	153	105	0	2	0
Little Silver Boro	5,525	18	54	42	0	0	0
Loch Arbour Village	351	1	1	3	0	0	0
Long Branch City	29,331	282	553	344	5	6	3
Manalapan Twp.	26,496	119	250	110	2	3	1

MONMOUTH COUNTY
(Continued)

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Manasquan Boro	5,402	120	126	115	3	0	2
Marlboro Twp.	28,083	100	321	109	1	1	0
Matawan Boro	8,637	130	234	146	1	3	1
Middletown Twp.	69,626	433	786	536	6	5	4
Millstone Twp.	4,778	12	52	41	0	1	0
Monmouth Beach Boro	3,664	27	39	32	1	0	1
Neptune City Boro	5,093	21	105	25	0	0	0
Neptune Twp.	28,960	171	434	439	9	5	7
Ocean Twp.	23,891	188	320	207	4	2	2
Oceanport Boro	6,332	25	91	40	0	0	0
Red Bank Boro	11,739	236	227	204	4	2	2
Roosevelt Boro	912	2	14	1	0	0	0
Rumson Boro	7,216	107	74	51	0	0	0
Sea Bright Boro	1,895	24	19	17	0	0	0
Sea Girt Boro	2,599	39	19	51	2	0	2
Shrewsbury Boro	3,028	47	40	19	0	1	0
Shrewsbury Twp.	1,112	53	21	19	1	0	1
South Belmar Boro	1,594	11	21	22	0	0	0
Spring Lake Boro	4,146	170	25	50	0	0	0
Spring Lake Heights Boro	5,343	49	49	86	0	0	0
Tinton Falls Boro	10,911	60	140	50	1	0	1
Union Beach Boro	6,409	84	112	76	1	0	0
Upper Freehold Twp.	3,037	18	47	21	1	0	1
Wall Twp.	19,934	99	231	188	2	1	2
West Long Branch Boro	7,771	85	62	70	0	1	0
Total	553,618	4,510	8,020	5,152	73	61	47

MORRIS COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Boonton Town	8,253	67	153	112	3	2	1
Boonton Twp.	3,383	17	34	7	0	3	0
Butler Boro	7,212	91	104	50	1	0	0
Chatham Boro	8,212	58	147	104	1	1	1
Chatham Twp.	9,432	44	70	46	0	0	0
Chester Boro	1,489	59	33	15	0	0	0
Chester Twp.	5,642	15	49	25	0	0	0
Denville Twp.	14,106	136	189	113	1	0	1
Dover Town	14,146	186	297	134	3	3	3
East Hanover Twp.	9,961	80	92	63	0	1	0
Florham Park Boro	10,354	83	85	88	0	1	0
Hanover Twp.	11,812	144	135	79	1	0	0
Harding Twp.	3,484	85	27	24	0	0	0
Jefferson Twp.	16,854	77	255	99	0	0	0
Kinnelon Boro	8,232	71	93	46	2	0	2
Lincoln Park Boro	11,005	91	173	94	2	1	2
Madison Boro	15,397	119	183	127	1	2	0
Mendham Boro	5,153	39	43	29	0	2	0
Mendham Twp.	4,572	26	49	36	0	2	0
Mine Hill Twp.	3,460	5	44	21	0	0	0
Montville Twp.	15,466	78	157	89	1	1	0
Morris Plains Boro	5,841	57	94	78	1	0	0
Morris Twp.	19,580	102	141	100	0	0	0
Morristown Town	16,698	401	377	234	7	4	5

MORRIS COUNTY
(Continued)

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Mount Arlington Boro	4,077	19	39	17	0	0	0
Mount Olive Twp.	19,198	97	355	100	2	1	1
Mountain Lakes Boro	4,172	83	45	22	0	0	0
Netcong Boro	3,432	50	65	35	0	0	0
Parsippany-Troy Hills Twp.	48,679	292	577	283	3	3	3
Passaic Twp.	7,732	57	106	54	0	1	0
Pequannock Twp.	13,329	137	136	99	0	1	0
Randolph Twp.	19,159	151	272	94	3	3	2
Riverdale Boro	2,443	9	40	26	2	0	2
Rockaway Boro	6,542	52	58	58	1	1	1
Rockaway Twp.	19,955	101	324	79	1	2	0
Roxbury Twp.	19,596	114	301	126	3	0	1
Victory Gardens Boro	1,172	3	3	7	0	0	0
Washington Twp.	14,680	69	189	69	0	1	0
Wharton Boro	5,528	53	82	52	0	0	0
Total	419,438	3,418	5,616	2,934	39	36	25

OCEAN COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Barnegat Twp.	10,738	51	171	103	0	4	0
Barnegat Light Boro	649	12	3	13	0	0	0
Bay Head Boro	1,304	54	10	20	0	0	0
Beach Haven Boro	1,789	34	11	30	0	0	0
Beachwood Boro	8,448	35	155	65	1	1	1
Berkeley Twp.	33,230	111	209	490	3	0	3
Brick Twp.	61,958	336	892	592	5	3	4
Dover Twp.	72,547	596	978	975	9	5	6
Eagleswood Twp.	1,131	11	20	26	1	0	1
Harvey Cedars Boro	378	5	7	2	0	0	0
Island Heights Boro	1,580	34	14	18	2	0	2
Jackson Twp.	30,568	104	476	265	1	8	1
Lacey Twp.	19,157	120	257	218	2	2	2
Lakehurst Boro	3,062	34	57	112	1	0	1
Lakewood Twp.	40,051	341	1,024	674	6	9	4
Lavallette Boro	2,244	32	32	53	0	0	0
Little Egg Harbor Twp.	11,969	32	156	94	1	1	0
Long Beach Twp.	3,760	55	25	43	0	0	0
Manchester Twp.	34,936	58	177	770	0	0	0
Mantoloking Boro	439	2	3	13	0	0	0
Ocean Gate Boro	1,503	2	27	27	0	0	0
Ocean Twp.	4,082	31	69	60	0	1	0
Pine Beach Boro	1,770	6	20	21	0	0	0
Plumsted Twp.	5,138	51	97	45	1	1	1
Point Pleasant Beach Boro	5,468	43	19	51	1	1	1
Point Pleasant Boro	18,201	162	260	249	3	3	3
Seaside Heights Boro	2,151	20	59	37	0	0	0
Seaside Park Boro	1,801	30	21	46	0	0	0
Ship Bottom Boro	1,676	17	16	20	0	0	0
South Toms River Boro	3,876	15	59	25	0	0	0
Stafford Twp.	13,115	47	155	125	0	0	0
Surf City Boro	1,588	23	10	21	0	0	0
Tuckerton Boro	2,691	67	71	68	0	1	0
Total	402,998	2,571	5,560	5,371	37	40	30

PASSAIC COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Bloomingdale Boro	8,189	22	95	51	0	1	0
Clifton City	76,491	556	808	934	6	7	4
Haledon Boro	6,888	25	97	103	0	1	0
Hawthorne Boro	18,692	143	241	184	3	0	3
Little Falls Twp.	12,262	162	114	106	1	1	0
North Haledon Boro	8,572	62	64	77	0	0	0
Passaic City	53,857	490	1,306	534	14	20	6
Paterson City	138,200	1,398	3,228	1,283	42	38	25
Pompton Lakes Boro	11,190	177	126	58	0	0	0
Prospect Park Boro	5,202	54	88	56	1	0	0
Ringwood Boro	13,440	119	182	59	0	1	0
Totowa Boro	11,381	109	93	135	0	0	0
Wanaque Boro	10,782	51	144	67	1	1	1
Wayne Twp.	51,145	402	512	396	4	3	3
West Milford Twp.	25,804	152	387	160	2	3	2
West Paterson Boro	11,641	60	147	89	0	0	0
Total	463,736	3,982	7,632	4,292	74	76	44

SALEM COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Alloway Twp.	2,846	27	31	13	0	0	0
Carneys Point Twp.	8,459	61	111	89	0	2	0
Elmer Boro	1,550	17	38	30	0	0	0
Elsinboro Twp.	1,231	1	4	8	0	0	0
Lower Alloways Creek Twp.	1,589	9	9	8	0	0	0
Mannington Twp.	1,696	11	12	11	0	1	0
Oldmans Twp.	1,876	10	24	21	0	0	0
Penns Grove Boro	5,234	37	84	84	1	0	1
Pennsville Twp.	13,641	101	165	132	0	2	0
Pilesgrove Twp.	2,936	13	19	18	0	2	0
Pittsgrove Twp.	7,991	56	53	35	0	1	0
Quinton Twp.	2,913	22	20	27	0	0	0
Salem City	6,880	48	155	105	3	3	1
Upper Pittsgrove Twp.	3,290	10	32	18	0	0	0
Woodstown Boro	3,239	31	56	59	0	1	0
Total	65,371	454	813	658	4	12	2

SOMERSET COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Bedminster Twp.	6,001	51	75	22	2	0	1
Bernards Twp.	17,115	208	218	118	1	4	1
Bernardsville Boro	6,511	46	46	29	0	0	0
Bound Brook Boro	8,953	140	147	107	2	1	2
Branchburg Twp.	9,610	21	123	40	0	0	0
Bridgewater Twp.	29,235	209	326	192	2	3	1
Far Hills Boro	661	10	13	4	0	0	0
Franklin Twp.	38,468	251	562	193	4	7	3
Green Brook Twp.	4,583	17	55	39	0	0	0
Hillsborough Twp.	24,001	111	412	99	2	1	2
Manville Boro	10,490	76	142	112	3	0	3
Millstone Boro	477	8	5	3	0	0	0
Montgomery Twp.	9,116	43	145	41	1	2	0
North Plainfield Boro	17,243	120	320	147	2	3	2
Peapack-Gladstone Boro	2,077	46	22	7	0	0	0
Raritan Boro	5,825	59	51	65	1	2	1
Rocky Hill Boro	696	16	10	6	0	0	0
Somerville Boro	11,103	213	293	247	4	3	3
South Bound Brook Boro	4,007	30	79	30	2	1	1
Warren Twp.	10,300	124	121	70	1	1	1
Watchung Boro	5,156	83	35	41	1	0	0
Total	221,628	1,882	3,200	1,612	28	28	21

SUSSEX COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Andover Boro	841	8	13	11	0	2	0
Andover Twp.	4,966	62	95	83	1	0	0
Branchville Boro	837	28	21	26	0	0	0
Byram Twp.	7,873	70	149	28	0	0	0
Frankford Twp.	5,210	47	108	59	0	0	0
Franklin Boro	4,633	11	62	29	0	1	0
Fredon Twp.	2,477	10	26	9	0	1	0
Green Twp.	2,603	23	38	16	0	0	0
Hamburg Boro	1,889	23	46	21	0	0	0
Hampton Twp.	4,708	15	50	23	1	0	0
Hardyston Twp.	4,713	44	80	26	0	0	0
Hopatcong Boro	14,799	69	300	93	2	0	2
Lafayette Twp.	1,939	25	27	15	0	0	0
Montague Twp.	2,485	19	46	21	0	0	0
Newton Town	7,361	113	120	108	0	0	0
Ogdensburg Boro	2,613	11	32	14	1	0	1
Sandyston Twp.	1,528	6	23	14	0	0	0
Sparta Twp.	14,477	142	207	82	0	1	0
Stanhope Boro	3,637	29	42	28	1	0	1
Stillwater Twp.	4,241	17	72	15	0	0	0
Sussex Boro	2,387	25	100	63	4	0	4
Vernon Twp.	19,746	80	336	70	1	1	1
Walpack Twp.	70	3	0	0	0	0	0
Wantage Twp.	8,290	40	106	36	0	1	0
Total	124,323	920	2,099	890	11	7	9

UNION COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Berkeley Heights Twp.	12,753	53	118	88	1	0	1
Clark Twp.	16,265	122	135	144	2	1	2
Cranford Twp.	23,933	156	282	254	4	6	2
Elizabeth City	105,876	1,034	2,036	1.105	15	16	9
Fanwood Boro	7,653	20	127	43	1	1	0
Garwood Boro	4,607	67	58	42	0	0	0
Hillside Twp.	21,369	119	284	207	6	1	4
Kenilworth Boro	8,101	54	76	92	0	1	0
Linden City	37,712	240	468	456	6	7	3
Mountainside Boro	7,050	88	58	62	0	1	0
New Providence Boro	12,178	96	147	97	0	2	0
Plainfield City	45,621	231	989	485	13	7	8
Rahway City	26,637	196	371	259	3	8	2
Roselle Boro	20,388	169	298	214	3	5	3
Roselle Park Boro	13,022	94	150	127	0	0	0
Scotch Plains Twp.	21,575	246	244	169	2	2	1
Springfield Twp.	13,955	81	139	175	1	0	1
Summit City	20,866	267	251	199	2	1	1
Union Twp.	50,943	335	486	614	3	1	0
Westfield Town	30,238	271	361	215	3	4	2
Winfield Twp.	1,726	4	23	17	0	0	0
Total	502,468	3,943	7,101	5,064	65	64	39

WARREN COUNTY

Municipality	Population	Marriages	Births	Deaths	Infant Deaths	Fetal Deaths	Neonatal Deaths
Allamuchy Twp.	3,068	12	30	14	0	2	0
Alpha Boro	2,528	17	30	26	1	0	1
Belvidere Town	2,485	47	52	46	1	0	0
Blairstown Twp.	5,035	30	68	41	1	1	1
Franklin Twp.	2,511	18	36	19	0	0	0
Frelinghuysen Twp.	1,696	5	22	8	0	0	0
Greenwich Twp.	1,727	23	27	21	0	0	0
Hackettstown Town	8,808	93	177	78	1	5	1
Hardwick Twp.	1,113	5	13	5	0	0	0
Harmony Twp.	2,596	10	21	10	0	0	0
Hope Twp.	1,665	19	29	6	0	0	0
Independence Twp.	3,105	25	61	14	1	0	1
Knowlton Twp.	2,406	27	38	27	0	1	0
Liberty Twp.	1,981	12	34	7	0	0	0
Lopatcong Twp.	4,888	18	35	30	1	0	1
Mansfield Twp.	6,289	29	84	27	1	0	1
Oxford Twp.	1,637	12	40	16	1	0	1
Pahaquarry Twp.	25	8	0	0	0	0	0
Phillipsburg Town	15,695	134	303	245	3	3	3
Pohatcong Twp.	3,727	27	48	23	0	0	0
Washington Boro	6,507	30	71	4	0	0	0
Washington Twp.	4,613	66	122	105	1	1	1
White Twp.	3,122	14	34	10	0	0	0
Total	87,227	681	1,375	782	12	13	11
State Institutions	0	0	1	5	0	0	0
Military Posts	0	81	190	21	3	7	2
State Total	7,672,524	60,550	113,234	71,728	1,057	1,263	719

Note: Population used in this table from the "Population Estimates for New Jersey" issued by the Division of Labor Market and Demographic Research, Department of Labor, October, 1987,
Population not available for State Institutions and Military Posts. County Population totals may not add due to rounding.

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Fertility
1987

TAB-G
FERTILITY

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Fertility

1987

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FERTILITY PATTERNS

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Fertility

FERTILITY PATTERNS IN THE NATION AND NEW JERSEY

1987

THE AMERICAN WOMEN

In the U.S. the fertility rate, which expresses the number of live births to women aged 15-44 per 1,000 women in this childbearing age, increased about two percent between 1986 and 1987 (64.9 and 66.1 respectively). The 1986 rate was the lowest rate thus far recorded. Furthermore the U.S. fertility rate has remained essentially unchanged throughout most of the 70's and 80's. The total fertility rate, which is a weighted sum of the age-specific rates, was 1,836.0 for 1986. Thus, if 1,000 women experienced the age-specific birth rates for 1986 over their entire childbearing span, they would be expected to average 1.8 children per woman.

It is not certain whether the recent stability in birth expectations is transitional and will lead to a further decline in fertility, or whether it indicates a new demographic trend in the United States. If the latter proves to be the case, the pattern of American fertility in future years will follow that of many Western European nations and Japan, namely, small fluctuations in fertility around the level needed for the natural replacement of the population (approximately 2.1 children per woman).

From marriage data it is known that in recent years there has been an increasing tendency for women to delay their first marriage and first birth to later years. Of those women who first married between 1965 and 1969, 69 percent married by age 21; this proportion declined to 60 percent for women who first married during the 1976-80 period. The median age at first marriage has risen for both sexes since 1965; in 1981 the median ages were 22.0 years for females and 23.9 years for males. In addition, 56 percent of all first births between 1965 and 1969 occurred to women less than 22 years old; this percentage dropped to 47 percent between 1976 and 1980 for women having their first birth.

The longer a woman postpones childbearing after her first marriage, the less likely she is to have any children at all. In 1982, 20.4 percent of ever married women between the ages of 15 and 44 were childless, compared to 18.8 percent in 1980. Furthermore, fewer married women are having children before reaching twenty. The percent of ever married women who remained childless from ages 15-19 has increased from 46.6% in 1980 to 52.8% in 1981 to 57.4% in 1982.

THE NEW JERSEY WOMEN

Fertility patterns of New Jersey women of childbearing age have shown several changes in trend. The decade of the forties was the end of a long period of declining fertility. In the fifties fertility rates increased steadily reaching their highest levels. In 1960 we had 9.8% fewer women aged 20-24, for instance, than in 1950. However, the State had approximately 12,328 more births in this age group, a 45% increase in births. In the 1970s the fertility rate decreased from a 1970 high of 81.2 per 1,000 women to a level of 55.2 per 1,000 in 1976. The 1987 level indicates a fertility rate of 62.5 per 1,000 women.

The fertility rates over the past 30 years have changed most dramatically for women 20-24 years of age. From the 1950 level of 151.1 births per 1,000, the rate rose to 240.6 by 1960. This represents an increase of nearly 90 per thousand. During the decade of the sixties the decline was equally dramatic dropping from 240.6 per thousand to 154.8 in 1970. This placed the rate back almost to the 1950 level. The 1970 to 1980 period showed a low of 67.0 per thousand for this age group of 20 to 24 year olds. The 1987 rate is 78.5 per thousand, the same as in 1986, which was a decrease from 87.0 per thousand in 1980.

A review of all age groups shows that the change since 1960 is a reversal to lower fertility rates. The fertility rates by individual age groups ranged in 1960 from a rate of 34.8 for women 35 years and older to 58.3 for those under twenty. In 1980, the range was from 12.5 (35 years +) to 35.2 for those under 20. The rates for all ages are now below the 1970 rates, but in New Jersey the fertility rates for 1987 were slightly increased over 1986 for women aged 15-19 and 25-44.

New Jersey's present uptrend in fertility rates did differ from the sideways movement in national rates. Now, however, U.S. fertility rates are up from 64.9 per 1,000 women in 1986 to 66.1 per 1,000 women in 1987. The corresponding fertility rates for New Jersey were 60.4 and 62.5 per 1,000 women, slightly lower than the national rates.

The age-specific fertility rates for younger women aged 20 to 24 in New Jersey have been generally declining over the period 1981 to 1987, while over that same time period the age-specific fertility rates for women aged 25 and over have been increasing. The crossover in these trends implies that childbearing is occurring later, possibly for socio-economic reasons.

With the use of age-specific fertility rates it is possible to calculate the "total fertility rate" (TFR) which summarizes the changes in fertility. The rate is computed by summing the age-specific rates for all childbearing ages and multiplying by the number of years in each age group used. In this case the age interval is five (5) representing five ages in each group. It can be interpreted as the number of children that would be born to a cohort of one-thousand women if, at all childbearing ages, they bore children at the age-specific rates observed in the reference year. Considering present death rates and a sex ratio at birth of 106 males per 100 females, it requires a little over 2,100 births per thousand females to replace themselves as child bearers in the next generation. Thus, when the TFR exceeds 2,100, the next generation will have a larger childbearing population than the present one; when the TFR declines below 2,100, the next childbearing generation will be smaller then the present generation.

In 1950 the TFR for New Jersey was close to the replacement value of 2,100. By 1960 it had risen to 3,446. However, by 1970 a drop of 30% brought the level down to 2,408. The decline of the TFR during the sixties was greater than the rise in the fifties. The single year decline between 1970/71 and 1971/72 showed the most rapid decline of any year for which we have detailed data. The TFR appears to have "bottomed out" in the late 1970s, just as the number of births did in the early 1970s. In 1981 the 1,591 value was 24.2% below replacement fertility level. By 1987 however, the rate was again on the rise, reaching 1,804. Since the number of marriages in New Jersey has decreased this year, perhaps the future TFR will also experience a decline.

TABLE 1
UNITED STATES
BIRTHS AND FERTILITY RATE*
1960-1987

	Births		Fertility Rate
Year	Number	Rate	Per 1,000 Women
1960	4,257,850	23.7	118.0
1961	4,268,326	23.3	117.1
1962	4,167,362	22.4	112.0
1963	4,098,020	21.7	108.3
1964	4,027,490	21.1	104.7
1965	3,760,358	19.4	96.3
1966	3,606,274	18.4	90.8
1967	3,520,959	17.8	87.2
1968	3,501,564	17.6	85.2
1969	3,600,206	17.9	86.1
1970	3,731,386	18.4	87.9
1971	3,555,970	17.2	81.6
1972	3,258,411	15.6	73.1
1973	3,136,965	14.8	68.8
1974	3,159,958	14.8	67.8
1975	3,144,198	14.6	66.0
1976	3,167,788	14.6	65.0
1977	3,326,632	15.1	66.8
1978	3,333,279	15.0	65.5
1979	3,494,398	15.6	67.2
1980	3,612,258	15.9	68.4
1981	3,629,238	15.8	67.4
1982	3,680,537	15.9	67.3
1983	3,638,933	15.5	65.8
1984	3,669,141	15.5	65.4
1985	3,749,000	15.7	66.1
1986	3,731,000	15.5	64.9
1987	3,829,000	15.7	66.1

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*Source: Monthly Vital Statistics Report
National Center for Health Statistics

TABLE-2
NEW JERSEY
BIRTHS AND FERTILITY RATE
1960-1987

	Births		Fertility Rate
Year	Number	Rate	Per 1,000 Women
1960	132,594	21.8	106.2
1961	135,320	21.7	N/A
1962	131,603	20.7	N/A
1963	132,606	20.4	N/A
1964	131,593	19.9	N/A
1965	125,104	18.6	N/A
1966	120,116	17.6	82.3
1967	116,091	16.8	79.6
1968	114,101	16.3	76.8
1969	117,232	16.5	N/A
1970	120,168	16.7	81.2
1971	111,376	15.3	74.0
1972	99,050	13.5	65.1
1973	94,024	12.8	61.6
1974	94,242	12.7	61.6
1975	91,457	12.4	56.6
1976	90,549	12.3	55.2
1977	93,786	12.7	58.9
1978	93,356	12.8	58.6
1979	95,672	13.0	60.2
1980	96,438	13.1	57.4
1981	96,205	13.1	56.8
1982	98,225	13.3	57.5
1983	98,746	13.3	56.7
1984	100,950	13.4	57.4
1985	105,329	13.9	59.2
1986	108,444	14.2	60.4
1987	113,234	14.8	62.5

TABLE-3
NEW JERSEY
NUMBER OF BIRTHS TO WOMEN 15-44 YEARS
1981-1987

Age Group	1981	1982	1983	1984	1985	1986	1987
15-19	10,852	11,063	10,607	10,018	9,949	9,922	10,115
20-24	26,290	26,217	25,388	24,991	25,024	24,447	24,295
25-29	32,425	32,554	33,417	34,416	36,017	37,200	38,430
30-34	20,489	21,286	21,618	23,129	25,061	26,737	29,387
35-39	5,126	6,008	6,581	7,129	8,041	8,794	9,406
40-44	702	805	814	944	923	1,041	1,204
TOTAL	95,884	97,933	98,425	100,627	105,015	108,141	112,837

TABLE-4
NEW JERSEY
FEMALE POPULATION 15-44
1981-1987

Age Group	1981	1982	1983	1984	1985	1986	1987
15-19	332,026	332,786	299,403	293,952	290,686	284,934	279,005
20-24	315,361	316,083	314,560	313,090	312,901	311,321	309,541
25-29	297,540	298,221	313,221	315,888	317,025	320,144	323,052
30-34	295,723	296,400	304,188	308,691	313,535	318,112	322,477
35-39	251,496	252,072	275,914	281,813	289,256	294,975	300,497
40-44	208,185	208,662	229,954	239,872	250,735	260,574	270,231
TOTAL	1,700,331	1,704,224	1,737,240	1,753,306	1,774,138	1,790,060	1,804,803

TABLE-5
NEW JERSEY
TOTAL FERTILITY RATE
AGE-SPECIFIC
1981-1987

Age Group	1981	1982	1983	1984	1985	1986	1987
15-19	32.7	33.2	35.4	34.1	34.2	34.8	36.3
20-24	83.4	82.9	80.7	79.8	80.0	78.5	78.5
25-29	109.0	109.2	106.7	109.0	113.6	116.2	119.0
30-34	69.3	71.8	71.1	74.9	79.9	84.0	91.1
35-39	20.4	23.8	23.9	25.3	27.8	29.8	31.3
40-44	3.4	3.9	3.5	3.9	3.7	4.0	4.5
TOTAL FER. RATE	1,591	1,624	1,607	1,635	1,696	1,737	1,804

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Abortions
1987

TAB-H
ABORTIONS

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DIVISION OF RESEARCH, POLICY AND PLANNING
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Abortions
1987

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Abortions
1987

INTRODUCTION

The Department of Health collects data on induced abortions performed in all licensed abortion facilities in the State. Abortions performed in hospitals and licensed outpatient abortion facilities must be reported to the Department within 10 days after the close of the month in which the procedure was performed. Forms are provided by the Department and are processed monthly. A yearly summary report is also compiled. The form is designed to provide data which can serve as a basic resource for health services decisions relating to abortions, such as planning abortion services and providing family planning services. Data collected include information on the woman's age, marital status, municipality of residence, race, prior number of pregnancies and prior live births. Clinical information is limited to gestation period at termination and method of termination. Patients' names are never reported to the Department; therefore confidentiality is maintained.

This report includes a narrative summary which presents related clinical information and demographic characteristics of the women receiving abortions in 1987. The statistics presented in this report represent induced abortions occurring only in licensed New Jersey health care facilities. Data can be obtained for residents obtaining abortions in other states from the National Center for Disease Control, Atlanta, Georgia.

OVERVIEW

Selected Characteristics

The number of reported induced abortions performed in New Jersey was 33,395 in 1987 compared to 33,376 in 1986, 31,266 in 1985, 31,236 in 1984 and 24,722 in 1983. The increase from 1986 to 1987 was less than 0.1 percent. However, the percentage change between 1985 and 1986 was 6.7 percent. The percentage increase from 1984 to 1985 was 0.1 percent compared to the 26.3 percent increase from 1983 to 1984. In 1987, women who obtained an induced abortion in New Jersey were predominently state residents (96.9%). The majority of women were Caucasian (42.8%) and 38.2 percent were Black. The average age among women receiving induced abortions in 1984 was 24.4 years compared to 24.5 years in 1985 and 1986 and 24.3 years in 1987. Most of the women (76.9%) were unmarried, less than 25 years of age (58.1%) and childless (47.3%). The majority of abortions (82.4%) were performed during the first trimester by sharp or suction curettage (99.9% of first trimester cases and 98.3% of all cases). As in previous years, a licensed outpatient abortion clinic was the primary setting used in 1987 and accounted for nearly three-quarters (74.9%) of all abortions performed and 73.0 percent of the first trimester procedures.

Age

Over one-third of the 1987 abortions were performed on women between the ages of 20-24. Nearly one-fourth were performed on women aged 15-19, while slightly over one-fifth were performed on women ages 25-29. The under 15 and over 44 years categories accounted for slightly more than 1% of the 33,395 abortions in 1987. However, the ratio of induced abortions to live births (defined below) for these two age groups was notably higher than for the in-between ranges. Their rate of abortions to live births has fluctuated greatly from 1,155 per 1,000 births in 1983 to 1,634 in 1985, dropping to 1,230 in 1987. The 25-29 and 30-34 year old age groups experienced the lowest abortion to live births ratios, 196 and 142, respectively, down from 200 and 147 in 1986. The 1987 abortions to births ratio for New Jersey women was 299 per 1,000, a slight decrease from 315 in 1986; another way to express this ratio is one abortion per 3.0 live births.

The abortion ratio is defined as the number of women obtaining legal abortions divided by the number of women giving birth in the population in the same year with the same demographic characteristics (such as residence, age, race, marital status, or number of previous live births) times 1,000. The purpose of this ratio is to locate where in the life cycle with respect to either age or previous number of live births, for example, women are more likely to receive an induced abortion than at other points in the life cycle.

Race

The women having induced abortions in 1987 were self-reported as 42.8% white, 56.7% nonwhites and 0.5% unknown. In 1987 these percentages reflect a trend in recent years which resulted in a 1.1% percent decline for 1987 in the percentages of whites and a roughly equivalant increase in relative numbers of nonwhites who have obtained induced abortions. In 1979, the percentages of white women equaled 64.4%; a constant downward trend produced a level of 43.9% in 1986. Black women who had induced abortions increased from 26.2% in 1980 to 38.3% in 1987.

The ratio of induced abortions to live births decreased between 1982 and 1983 for both whites and nonwhites, increased between 1983 and 1984 and decreased between 1984 and 1985. In 1986, the ratio decreased for whites but increased for Blacks. However, in 1987, the ratio decreased for both groups. For white women, the ratio declined from 219 to 174 between 1982 and 1983, and then rose to 207 in 1984. Thereafter, the downtread remained consistent falling from 189 to 165 between 1985 and 1987. The same ratio fluctuated for black females dropping from 518 to 445, then rising to 631 induced abortions per 1,000 live births over the years 1982 to 1986. However, in 1987 the ratio fell to 606.

Marital Status

Unmarried women had 76.9 percent of the total induced abortions in 1987. The two age categories which accounted for slightly over one-half were unmarried women aged 15-19 (22.5%) and unmarried women aged 20-24 (28.3%). Married women who received abortions exceeded those for unmarried women in all age groups after age 34. There were 28.0 percent more married women than unmarried women who were over 34 and had induced abortions.

Prior Number of Live Births

Abortion data reported for 1987 indicated that nearly half (47.3%) of women had never given birth at the time of pregnancy termination. About one-quarter (25.6%) of the women indicated having one previous live birth, and 17.9 percent had two previous live births. Fewer than one in ten (9%) were listed with three or more births.

The lowest induced abortions per 1,000 live births ratio (237) was computed for women who had one previous live birth. Women with three previous live births had the highest ratio of abortions to live births (395 per 1,000); women with two or four previous births had very similar ratios (365 and 377 respectively).

Place of Residence

The majority of women (96.9%) who elected to have an abortion in New Jersey were in-state residents. Essex was the most frequent place of residence (26.5%) with the lowest (0.1%) recorded in Salem County. More than one-half of the abortions in 1987 were obtained by women who indicated Essex (26.5%), Hudson (14.7%), Bergen (7.8%), or Passaic (6.9%) as counties of residence. Correspondingly, these areas rank as the four most heavily populated counties in New Jersey. In 1987 Ocean County experienced the greatest increase in the number of abortions performed, an increase of 104 cases. This was also the largest percentage increase in abortions, 16.4%. The greatest decrease in the number of abortions performed in 1987 was in Hudson County, a decline of 228 cases or 4.5%. The greatest percentage decrease occurred in Salem County, 25.0% or 9 cases.

For the 1987 reporting period, out-of-state women who had abortions originated from twenty three states, the District of Columbia and one foreign country. The border states of New York and Pennsylvania were most frequently represented. New York State residents accounted for 53.8 percent (546) of all nonresident abortions while Pennsylvania residents represented 40.2 percent (408) of the total.

Type of Procedure

The types of procedures most frequently reported were suction curettage (66.7%) and sharp curettage (31.6%). These two procedures accounted for nearly all (99.9%) reported first trimester abortions and 98.7 percent of the procedures performed between the 13th and 15th weeks of pregnancy. Saline instillations represented 1.3 percent of all reported induced abortion procedures. Abortion induced by saline instillation or administration of the drug Prostaglandin occur primarily after the 16th week of gestation. Saline instillations accounted for 55.0% of all abortions performed during the late second trimester, and Prostaglandin administrations accounted for 30.6%. The use of Prostaglandin increased in 1987 from 7.5% in 1986, a reversal of a downward trend since 1981 when 8% of late second trimester abortions were performed using Prostaglandin. The use of suction curettage during the period between the 16th and 20th weeks of gestation dropped sharply in 1987. Suction curettage was used in just 17.8 percent of the cases occurring between 16 and 20 weeks, compared to 41.4 percent in 1986, 26.1 percent in 1985, and 26.7 percent in 1984. The percentage of saline instillations declined during the same period. More sharp/suction curettages were performed than saline instillations for the 16th through 20th weeks of gestation since 1982. It should be noted that the period between 16 and 20 weeks of gestation includes two relatively distinct stages of pregnancy requiring different abortion procedures.

Weeks of Gestation

Of the 33,395 reported induced abortions in 1987, 82.4 percent were completed during the first trimester of pregnancy compared to the 1986 figure of 83.4 percent. The proportion of abortions performed during the 13th to 20th weeks increased slightly from 16.3 percent in 1986 to 17.5 percent in 1987. Forty-nine women (0.2%) underwent a late second trimester abortion (over 20 weeks) compared to 0.5 percent in 1986.

More than one-third (33.5%) of all first trimester abortions were performed on women in the 20 to 24 age group. Percentages for women aged 15-19 were 21.2% and 23.1% for women aged 25-29. Women who terminated pregnancy in the 13th to 20th week of gestation were most frequently aged 15-19 (35.6%), and one-third (34.5%) were in the 20-24 age range. Of the women estimated to be more than 20 weeks pregnant at the time of the reported abortion, 24.5 percent were in the age group 25-29, and 20.4 percent were 35-39 years old. The same figures for 1986 were 18.8 and 38.0 percent, respectively. There were five women between the ages of 40 and 44 in the over 20 weeks gestation classification, and 49.0 % of the women were between the ages of 30 and 44 years.

Type of Facility

The 1987 data on induced abortions were collected from hospitals and licensed outpatient abortion facilities. The percentage of abortions performed in hospitals increased steadily from 1979 to 1981 and decreased, though unevenly, since then. In 1980, 32.6 percent of abortions were performed in a hospital setting, 38.1 percent in 1981, 36.0 percent in 1982, 37.9 percent in 1983, 34.0 percent in 1984, 34.2 percent in 1985, 28.2 percent in 1986, and 25.1 percent in 1987. Outpatient facilities accounted for 74.9 percent of the 33,395 reported abortions in 1987. Most (88.8%) of the 13 to 15 week pregnancy terminations were completed in a licensed outpatient facility along with 80.3 percent of all reported first trimester abortions. All (with the exception of one) pregnancy terminations performed after 20 weeks and 20.8 percent of those completed during the 16th to 20th week were reported by hospitals. In 1983, 51.7 percent of those abortions performed during the 16th to 20th week were performed in hospitals. Of all single women who had an abortion in 1987, over three-quarters (76.8%) went to clinics. Married women were more likely to use an outpatient facility in 1987: 69.2% of married women had procedures in outpatient facilities compared to 67.3% in 1986 and 62.6% in 1985.

Number of Previous Abortions

Information submitted indicated that most women (52.2%) had never undergone a previously induced pregnancy termination. Slightly over one-fourth (28.7%) of the women had obtained one previous abortion, and 19.2% reported two or more past abortions. A comparison with two earlier years shows a similar likelihood to present for first abortion (53.6% had first abortions in 1986, while 55.2 percent had their first abortion in 1985), indicating that recidivism may be increasing.

ABORTION REPORTING GUIDELINES

The Department of Health in cooperation with the State Board of Medical Examiners, the New Jersey Obstetrical and Gynecological Society, and the Medical Society of New Jersey have adopted the following guidelines (applicable to abortion data) which were made necessary by the United States Supreme Court's decision regarding abortion:

1. Only persons licensed as physicians are permitted to perform abortions.
2. First trimester abortions (on or before the 12th week of pregnancy) may be performed only by qualified physicians in their private offices (if the patients medical condition permits) or in licensed health care facilities (i.e., hospitals or outpatient abortion clinics).
3. Beyond the first 12 weeks and within a period of gestation not exceeding 16 menstrual weeks and/or 14 gestation weeks (size as determined by a physician) termination of pregnancy using the dilation and evaluation procedure can be performed either in a licensed hospital or outpatient abortion clinic; if any other method of abortion is utilized to terminate a pregnancy during this time it must be performed in a licensed hospital on an inpatient basis.
4. Termination of a pregnancy after the 16th menstrual or 14th gestation week will only be performed in a licensed hospital on an inpatient basis.
5. Third trimester abortions are allowed only to preserve the life or health of the mother, or where it has been determined late in pregnancy that there is a nonviable or deformed fetus incapable of extrauterine survival.

TABLE-1

CHARACTERISTICS OF WOMEN RECEIVING ABORTIONS
1987

	ABORTIONS	PERCENT	RATIO*
RESIDENCE			
NEW JERSEY	32365	96.92	299
OUT-OF-STATE	1016	3.04	416
UNKNOWN	14	0.04	0
AGE			
< 15	339	1.02	1255
15-19	7809	23.38	776
20-24	11246	33.68	467
25-29	7375	22.08	196
30-34	4010	12.01	142
35-39	1985	5.94	221
40-44	547	1.64	481
> 44	41	0.12	1025
UNKNOWN	43	0.13	1720
RACE			
WHITE	14283	42.77	165
BLACK	12771	38.24	606
OTHER	6163	18.45	2430
UNKNOWN	178	0.53	539
MARITAL STATUS			
MARRIED	7475	22.38	89
UNMARRIED	25674	76.88	973
UNKNOWN	246	0.74	5125
NUMBER OF LIVE BIRTHS			
NONE	15808	47.34	319
ONE	8556	25.62	237
TWO	5992	17.94	365
THREE	2082	6.23	395
FOUR	619	1.85	377
> FOUR	332	0.99	277
UNKNOWN	6	0.02	26
TOTAL	33395	100.00	302

*PER 1,000 LIVE BIRTHS

TABLE 1 (Cont'd)

CHARACTERISTICS OF WOMEN RECEIVING ABORTIONS
1987

	ABORTIONS	PERCENT
TYPE OF PROCEDURE		
SHARP CURETTAGE	10557	31.61
SUCTION CURETTAGE (D&C)	22280	66.72
HYSTERECTOMY	10	0.03
HYSTEROTOMY	4	0.01
SALINE INSTILLATION	445	1.33
PROSTAGLANDIN INSTILLATION	85	0.25
OTHER	11	0.03
UNKNOWN	3	0.01
WEEKS OF GESTATION		
< 9	17683	52.95
9-10	6958	20.84
11-12	2866	8.58
13-15	3063	9.17
16-20	2776	8.31
> 20	49	0.15
UNKNOWN	0	0.0
TYPE OF FACILITY		
HOSPITALS	8395	25.14
CLINICS	25000	74.86
NUMBER OF PREVIOUS ABORTIONS		
NONE	17424	52.18
ONE	9574	28.67
TWO	4086	12.24
THREE	1490	4.46
> THREE	810	2.43
UNKNOWN	11	0.03
TOTAL	33395	100.00

TABLE-2

ABORTIONS BY COUNTY OF RESIDENCE, RACE, AND AGE
1987

COUNTY OF		RACE				AGE								
RESIDENCE	TOTAL	WHITE	BLACK	OTHER	UNKNOWN	≤ 15	15-19	20-24	25-29	30-34	35-39	40-44	> 44	UNKNOWN
ATLANTIC	1125	722	292	103	8	8	291	375	252	118	59	20	0	1
BERGEN	2604	1573	468	562	1	11	489	776	619	391	230	84	4	0
BURLINGTON	307	192	92	20	3	4	63	105	69	37	25	2	1	1
CAMDEN	637	219	321	94	3	9	182	221	118	65	32	10	0	0
CAPE MAY	347	297	35	12	3	3	86	116	79	39	18	6	0	0
CUMBERLAND	557	335	138	74	10	12	192	191	96	40	17	8	0	1
ESSEX	8835	1309	6155	1340	31	114	2107	3188	1949	936	412	96	9	24
GLOUCESTER	232	168	43	19	2	2	70	58	52	29	15	6	0	0
HUDSON	4894	1893	1347	1628	26	35	990	1642	1151	681	308	83	4	0
HUNTERDON	159	133	6	20	0	1	40	58	27	19	9	5	0	0
MERCER	1033	369	559	95	10	11	250	358	243	102	50	14	2	3
MIDDLESEX	1966	1206	384	359	17	15	450	622	454	266	117	36	4	2
MONMOUTH	2112	1397	523	169	23	27	665	691	402	193	105	26	2	1
MORRIS	885	664	90	128	3	4	160	242	199	141	111	23	4	1
OCEAN	739	603	76	59	1	8	231	237	143	66	36	18	0	0
PASSAIC	2299	667	874	749	9	27	460	844	497	297	142	29	3	0
SALEM	27	22	3	2	0	1	8	8	7	2	1	0	0	0
SOMERSET	898	464	327	103	4	7	199	290	199	127	52	20	2	2
SUSSEX	271	227	10	33	1	1	88	74	43	23	29	11	1	1
UNION	2240	897	884	440	19	25	486	725	548	271	139	36	5	5
WARREN	198	160	11	27	0	1	52	59	43	20	18	5	0	0
OUT-OF-STATE	1015	756	129	126	4	13	246	360	183	145	58	9	0	1
FOREIGN	1	1	0	0	0	0	0	0	1	0	0	0	0	0
UNKNOWN	14	9	4	1	0	0	4	5	1	2	2	0	0	0
TOTAL	33395	14283	12771	6163	178	339	7809	11246	7375	4010	1985	547	41	43

TABLE-3

PERCENT DISTRIBUTIONS OF ABORTIONS BY AGE, RACE, MARITAL STATUS, GESTATION AND TYPE OF FACILITY

1987

	TOTAL	PERCENT	HOSPITAL NUMBER	HOSPITAL PERCENT	CLINIC NUMBER	CLINIC PERCENT
AGE						
< 15	339	1.02	106	1.26	233	0.93
15-19	7809	23.38	1470	17.51	6339	25.36
20-24	11246	33.68	2625	31.27	8621	34.48
25-29	7375	22.08	2005	23.88	5370	21.48
30-34	4010	12.01	1235	14.71	2775	11.10
35-39	1985	5.94	710	8.46	1275	5.10
40-44	547	1.64	218	2.60	329	1.32
> 44	41	0.12	19	0.23	22	0.09
UNKNOWN	43	0.13	7	0.08	36	0.14
RACE						
WHITE	14283	42.77	2654	31.61	11629	46.52
BLACK	12771	38.24	4530	53.96	8241	32.96
OTHER	6163	18.45	1133	13.50	5030	20.12
UNKNOWN	178	0.53	78	0.93	100	0.40
MARITAL STATUS						
MARRIED	7475	22.38	2303	27.43	5172	20.69
UNMARRIED	25674	76.88	5968	71.09	19706	78.82
UNKNOWN	246	0.74	124	1.48	122	0.49
GESTATION						
< 9	17683	52.95	4735	56.40	12948	51.79
9-10	6958	20.84	1810	21.56	5148	20.59
11-12	2866	8.58	880	10.48	1986	7.94
13-15	3063	9.17	344	4.10	2719	10.88
16-20	2776	8.31	578	6.89	2198	8.79
> 20	49	0.15	48	0.57	1	0.00
UNKNOWN	0	0.0	0	0.0	0	0.0
TOTAL	33395	100.00	8395	100.00	25000	100.00

TABLE-4

ABORTIONS BY AGE, RACE PRIMARY PROCEDURE, AND LENGTH OF GESTATION 1987

	TOTAL	WEEK OF GESTATION						
		< 9	9-10	11-12	13-15	16-20	> 20	UNKNOWN
AGE								
< 15	339	138	64	37	48	51	1	0
15-19	7809	3357	1630	841	963	1014	4	0
20-24	11246	5787	2476	961	1088	926	8	0
25-29	7375	4263	1519	581	562	438	12	0
30-34	4010	2507	766	271	253	204	9	0
35-39	1985	1252	377	132	111	103	10	0
40-44	547	330	109	37	32	34	5	0
> 44	41	27	6	2	2	4	0	0
UNKNOWN	43	22	11	4	4	2	0	0
RACE								
WHITE	14283	7791	3023	1070	1193	1184	22	0
BLACK	12771	6225	2698	1339	1360	1133	16	0
OTHER	6163	3552	1198	442	505	455	11	0
UNKNOWN	178	115	39	15	5	4	0	0
PRIMARY PROCEDURE								
SHARP CURETTAGE	10557	4604	1824	632	1657	1839	1	0
SUCTION CURETTAGE	22280	13060	5131	2225	1365	493	6	0
HYSTERECTOMY	10	2	0	1	0	7	0	0
HYSTEROTOMY	4	2	0	1	0	1	0	0
SALINE INSTILLATI	445	6	1	7	37	367	27	0
PROSTAGLANDIN INS	85	5	1	0	2	62	15	0
OTHER	11	2	0	0	2	7	0	0
UNKNOWN	3	2	1	0	0	0	0	0
TOTAL	33395	17683	6958	2866	3063	2776	49	0

TABLE-5

PERCENT DISTRIBUTIONS OF ABORTIONS BY RACE, MARITAL STATUS, AND AGE

1987

		TOTAL	< 15 NO. %	15-19 NO. %	20-24 NO. %	25-29 NO. %	30-34 NO. %	35-39 NO. %	40-44 NO. %	> 44 NO. %	UNKNOWN NO. %
RACE											
	WHITE	14283	83 0.25	3382 10.13	4459 13.35	3052 9.14	1885 5.64	1061 3.18	321 0.96	23 0.07	17 0.05
	BLACK	12771	231 0.69	3248 9.73	4682 14.02	2802 8.39	1195 3.58	477 1.43	107 0.32	8 0.02	21 0.06
	OTHER	6163	24 0.07	1146 3.43	2051 6.14	1466 4.39	910 2.72	441 1.32	112 0.34	10 0.03	3 0.01
	UNKNOWN	178	1 0.00	33 0.10	54 0.16	55 0.16	20 0.06	6 0.02	7 0.02	0 0.0	2 0.01
MARITAL STATUS											
	MARRIED	7475	0 0.0	255 0.76	1706 5.11	2293 6.87	1789 5.36	1063 3.18	338 1.01	27 0.08	4 0.01
	UNMARRIED	25674	337 1.01	7523 22.53	9462 28.33	5024 15.04	2199 6.58	900 2.70	203 0.61	13 0.04	13 0.04
	UNKNOWN	246	2 0.01	31 0.09	78 0.23	58 0.17	22 0.07	22 0.07	6 0.02	1 0.00	26 0.08
TOTAL		33395	339 1.02	7809 23.38	11246 33.68	7375 22.08	4010 12.01	1985 5.94	547 1.64	41 0.12	43 0.13

TABLE-6

ABORTIONS BY AGE, RACE, MARITAL STATUS, AND PRIOR ABORTIONS

1987

		PRIOR ABORTIONS					
	TOTAL	0	1	2	3	> 3	UNKNOWN
AGE							
< 15	339	299	40	0	0	0	0
15-19	7809	5648	1708	366	68	19	0
20-24	11246	5480	3591	1470	483	219	3
25-29	7375	3094	2290	1192	509	288	2
30-34	4010	1651	1212	677	286	182	2
35-39	1985	916	571	297	118	80	3
40-44	547	290	141	71	22	22	1
> 44	41	23	9	8	1	0	0
UNKNOWN	43	23	12	5	3	0	0
RACE							
WHITE	14283	8348	3764	1415	485	268	3
BLACK	12771	5705	4047	1924	720	370	5
OTHER	6163	3259	1727	729	276	169	3
UNKNOWN	178	112	36	18	9	3	0
MARITAL STATUS							
MARRIED	7475	3702	2158	1016	384	212	3
UNMARRIED	25674	13599	7348	3036	1093	590	8
UNKNOWN	246	123	68	34	13	8	0
TOTAL	33395	17424	9574	4086	1490	810	11

TABLE-7

ABORTIONS BY PRIOR NUMBER OF ABORTIONS AND PRIOR NUMBER OF LIVE BIRTHS

1987

		NUMBER OF LIVE BIRTHS						
PRIOR ABORTIONS	TOTAL	0	1	2	3	4	> 4	UNKNOWN
NONE	17424	10160	3648	2489	793	213	120	1
ONE	9574	3982	2915	1779	620	182	94	2
TWO	4086	1171	1306	1053	376	115	65	0
THREE	1490	338	447	425	177	65	38	0
> THREE	810	154	237	246	114	44	15	0
UNKNOWN	11	3	3	0	2	0	0	3
TOTAL	33395	15808	8556	5992	2082	619	332	6

TABLE-8

ABORTIONS BY PRIOR NUMBER OF LIVE BIRTHS, RACE AND MARITAL STATUS
1987

PRIOR LIVE BIRTHS	TOTAL	WHITE				BLACK				OTHER				UNKNOWN			
		TOTAL	MAR	UNMAR	UNKWN	TOTAL	MAR	UNMAR	UNKWN	TOTAL	MAR	UNMAR	UNKWN	TOTAL	MAR	UNMAR	UNKWN
NONE	15808	8988	834	8103	51	4312	220	4059	33	2418	388	2023	7	90	14	69	7
ONE	8556	2597	1071	1502	24	4330	520	3773	37	1590	567	1018	5	39	15	21	3
TWO	5992	1937	1274	647	16	2611	578	2013	20	1414	742	662	10	30	18	7	5
THREE	2082	569	342	222	5	1001	254	741	6	502	243	252	7	10	6	3	1
FOUR	619	144	90	52	2	315	93	221	1	158	77	80	1	2	0	1	1
> FOUR	332	47	28	19	0	199	59	138	2	80	38	41	1	6	3	2	1
UNKNWN	6	1	0	1	0	3	0	3	0	1	1	0	0	1	0	1	0
TOTAL	33395	14283	3639	10546	98	12771	1724	10948	99	6163	2056	4076	31	178	56	104	18

Communicable Diseases
1987

TAB-I
COMMUNICABLE DISEASES

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Communicable Diseases
1987

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Communicable Diseases
1987

INTRODUCTION

Overview

The Communicable Diseases section reports on those diseases declared by law under the New Jersey State Sanitary Code to require notification of their occurrence to the Department of Health. As provided by Regulation 8:57-1.14 both AIDS and AIDS Related Complex (ARC) became legally reportable diseases on October 6, 1986. Statewide reporting of these diseases involves various programs throughout the Department of Health, each of which collect and compile the data. The Tuberculosis Program collects information on all tuberculosis cases occurring in New Jersey through their monitoring and surveillance activities. Incidence data on syphilis and gonorrhea are collected by the Sexually Transmitted Disease Program. AIDS and ARC cases are reported to the AIDS Surveillance Program within the Division of AIDS Prevention and Control. Data on other Communicable Diseases are reported to the Communicable Diseases Program within the Division of Epidemiology and Disease Control. Requests for details and specific information regarding each disease should be addressed to the appropriate program.

COMMUNICABLE DISEASES

Statistical Overview

The population used for computing rates in this report represents the estimated population residing in the state, its 21 counties and 562 municipalities as of July 1, 1987. These estimates are obtained from the Office of Demographic and Economic Analysis, Division of Planning and Research in the Department of Labor.

The age and sex-specific rates for syphilis, gonorrhea and hepatitis presented in this report were computed thusly. The number of deaths in a disease category for a specific age and/or sex group was divided by the state's estimated population of persons in the same age and/or sex group. The results are presented as rates per 100,000 estimated population for each age and sex group.

Tuberculosis

In 1953 there were 4,189 diagnosed cases of tuberculosis or 79.9 cases per 100,000 population. By 1980 newly diagnosed cases had dropped to 980 or nearly 13.3 per 100,000 population. This long term, substantial decline in the number of new cases slowed in 1981 when 1,028 cases were recorded yielding a rate of 13.9 cases per 100,000 population. From 1982 to 1984 small increases in the number of cases were reported each year. In 1985 the number of cases dropped to 839 from 935 in 1984, a 10.3 percent decrease. The 1985 rate of 11.1 per 100,000 population was the lowest ever. However, in 1986 the number of cases rose to 984. The rate per 100,000 population was 12.4. This increase continued in 1987 when the number of cases reached 1,063 - the highest number since 1978 which reflected a 12.1 percent increase over the previous year. The annual number of deaths attributed to tuberculosis has followed a similar pattern dropping from 693 deaths in 1953 to 62 deaths in 1985. The mortality rate per 100,000 population dropped from the 1953 level of 13.2 to less than one death (0.8) per 100,000 in 1985. However, in 1986 the number of deaths increased to 78 with the rate reaching 1.0 per 100,000. There were 4 fewer deaths in 1987, nevertheless, the rate remained unchanged.

In 1983 there were 809 clinically active and verified cases of tuberculosis in the New Jersey population. This level dropped in 1984 to 790 and dropped again in 1985 to 545. In 1986 the number of cases climbed by almost a third (32.8%) to 724. In 1987 the increase amounted to 3.3% for a total of 748 cases. From an active rate of 10.9 per 100,000 population in 1983, the rate of active cases dropped to 10.5 statewide in 1984, then down to 7.2 in 1985 before rising to 9.2 in 1986 and to 9.7 in 1987. Among the larger cities in New Jersey, tuberculosis morbidity rates were highest for Atlantic City (56.4), Newark (39.3), Patterson (39.1), and Irvington (38.6).

While increases over the past few years have occurred in the number of clinically active cases across the state, at the county level there have been both increases and decreases. From 1986 to 1987 the situation changed significantly with decreases occurring in eleven counties and increases in ten counties. The only notable increase was recorded in Essex County (19.3 to 23.3). Significant decreases occurred in Cape May County (11.9 to 6.4) and Hudson County (20.1 to 16.8).

Venereal Disease

During the last twenty years the number of syphilis cases among residents of New Jersey has decreased. In 1968 there were 2,935 reported cases of syphilis compared with 2,209 cases in 1987. The rate of 28.8 cases per 100,000 population also falls below the 1968 rate of 41.9. The number of primary and secondary cases increased from 457 in 1968 to 753 in 1987, with a corresponding increase in the morbidity rate from 6.5 to 9.8 cases per 100,000. The number of cases diagnosed as early latent syphilis increased 99 percent during the same period; the rate rose from 4.1 to 7.5 per 100,000. The 1987 total of 2,209 cases of syphilis included 753 primary and secondary cases and 579 early latent cases. Thus, even though total syphilis cases have declined, there have been increases in specific types of syphilis.

In contrast to the decline in the number of syphilis cases, the prevalence of gonorrhea climbed from 8,098 cases in 1968 to a high of 22,998 cases in 1981. Since 1981 the number of cases has steadily decreased, along with the rates, to 17,150 in 1987. The current rate of 223.5 per 100,000 is nearly double the 1968 rate of 115.5.

Hepatitis

The number of reported cases of infectious hepatitis type A decreased sharply (-25.3%) in 1987. There were 286 cases with a rate of 3.7 per 100,000 persons in 1987, as compared to 383 cases and a rate of 5.0 in 1986. Serum hepatitis (B) cases declined by 10.3% in 1987 to 565, and the rate was 7.4. In 1986 the rate was 8.3 with 630 cases. Approximately 14 percent fewer cases of unspecified hepatitis were reported in 1987. The rate of infection dropped from 0.8 in 1986 to 0.7 per 100,000 persons in 1987. With the exception of unspecified hepatitis, the hepatitis incidence is higher for men than for women. In 1987 there were 4.7 cases of infectious hepatitis per 100,000 men versus 2.8 cases for every 100,000 women. The male rate for serum hepatitis was 9.8; for females the rate was 5.1. A total of 17 cases of hepatitis (unspecified) were reported among men (0.5 per 100,000), however, 33 cases were reported among women (0.8 per 100,000). Among both men and women there were 84 cases of infectious hepatitis in the age group 20-29 years and 50 cases in the age group 30-39 years. The highest incidence of serum hepatitis was reported among persons aged 30-39 (144 cases). The next highest incidence occurred among those aged 25-29 (122 cases). The corresponding incidence rates for the two age groups were 11.7 and 19.0, respectively. The year 1983 brought with it a change in the reporting of hepatitis. A new category, type non-A and non-B, was added. For type non-A, non-B hepatitis a small increase occurred in 1987. The incidence rate increased to 0.9 per 100,000 persons (67 cases) from 0.8 per 100,000 persons in 1986 (63 cases).

Other Notifiable Diseases

As required by law the occurrence of contagious diseases must be reported to the Department of Health. These diseases include mumps, measles (rubeola), German measles (rubella), typhoid fever, malaria, aseptic meningitis, and a host of other communicable diseases. In 1987 the magnitude of half these disease conditions showed declines, while increases or no change occurred in the remainder.

The number of cases of measles (rubeola) decreased from 881 in 1986 to 39 in 1987. The number of cases of measles, typically fluctuates widely from year to year. In 1976, for example, 690 cases were observed while in 1974 there were 5,693 cases. The number of cases of rubella was 1,483 in 1976. In 1987 only 1 case of rubella was reported. Salmonellosis cases (excluding typhoid fever) dropped slightly in 1987; there were 2,358 cases reported versus 2,567 cases in 1986. There were 375 cases of shigellosis (bacillary dysentery) in 1986 and 547 cases in 1987. Most shigellosis cases occurred in the counties of Passaic (108), Camden (86), and Ocean (56).

The number of cases of mumps increased to 76 in 1987 from 51 in 1986. The highest number of cases reported in 1987 occurred in Bergen and Monmouth counties, 14 and 10 cases, respectively. Other diseases reported were: amebiasis, 94 cases, of which 27 cases were reported in Cape May County; aseptic meningitis, 429 cases; legionnellosis, 35 cases; malaria, 40 cases; meningococcal infections, 73 cases; pertussis, 25 cases; tetanus, 4 cases; typhoid fever, 23 cases; typhus fever, 1 case; toxic shock syndrome, 9 cases; and encephalitis (Other Primary Infections), 11 cases.

Acquired Immunodeficiency Syndrome (AIDS)

The era lauded for its control of major infectious diseases was interrupted decisively in 1981 by the identification of a new and deadly contagious illness, Acquired Immunodeficiency Syndrome (AIDS). In the late 1970's the first human retrovirus was isolated and labelled human T-lymphotropic virus type I (HTLV-I). By 1984 human retroviruses that are known to cause AIDS were isolated and labeled human immunodeficiency virus, HIV-I and HIV-II. As research continues, still more of these kinds of viruses are being identified. The AIDS viruses appear to be transmitted through one or more of four routes: sexual contact, intravenous drug use with contaminated needles, the administration of blood and blood products, and the passage of the virus from infected mothers to their newborns. In New Jersey a high proportion of AIDS cases are found among drug abusers who have shared needles presumably contaminated with infectious blood.

The first cases of AIDS were reported in Los Angeles in mid-1981 among five young homosexual men who were diagnosed originally with Pneumocystis carinii pneumonia, a disease commonly found in AIDS patients. Almost concurrently the first case of AIDS in New Jersey appeared in October, 1981. Subsequently, the number of cases in New Jersey and the United States has continued to increase rapidly producing considerable morbidity and mortality. Diagnoses of AIDS made retroactively continually increase its prevalence for the early years. Retroactive diagnosis produced a case of AIDS in New Jersey in July, 1980; that case was followed by two additional cases later in the year. At the present time AIDS is a uniformly fatal disease.

New Jersey's AIDS Surveillance and Data Analysis Programs within the newly formed AIDS Division compile data on AIDS cases in New Jersey. The program has adopted the surveillance case definition used by the Centers for Disease Control (CDC). If no positive laboratory tests for HIV are reported, then one of 12 reliably diagnosed diseases must be present in a person who has not had any of the diseases besides HIV that may cause immunodeficiency. If a positive laboratory test exists for HIV, then one or more of a variety of indicator diseases, diagnosed either reliably or presumptively, must be present in a person. These two programs also track AIDS-Related Complex (ARC) cases. In New Jersey, ARC is defined as part of the reporting regulation (see NJAC 8:57-1.14--Reporting regulations for AIDS and ARC in New Jersey, effective 10/6/86). Note, only AIDS cases and deaths are covered by this report. Perhaps, as tests for the presence of HIV become more widely applied, the ARC description will no longer be needed. Any further refinements of the case definition of AIDS may alter the reported incidence and prevalence rates in the population. The currently reported cases of AIDS are presumed to represent only a portion of existing levels of infection in the population.

Table A shows the most currently available data released by New Jersey's AIDS Data Analysis Unit on diagnosed cases and deaths of AIDS in New Jersey for 1986 and for 1987. These data reveal the increasing rates for both cases and deaths that are occurring in New Jersey. The number of diagnosed cases for 1987 is approximately 40 percent higher than for the previous year. The rate of death is high and persons with diagnosed cases do not survive for long. Already 61 percent of all cases diagnosed in New Jersey have ended in death.

TABLE A
AIDS CASES AND DEATHS IN NEW JERSEY, 1986-1987

	Diagnosed	Deaths
1986	1,193	704
1987	1,666	922

Data in Table B have been reported by the Center for Disease Control. This table shows the total number of active AIDS cases identified nationally and the eight highest ranking states. As of December 21, 1987, 20,940 actives cases of AIDS had been reported to the CDC from 50 States and the District of Columbia. The largest number of cases were reported by California, approximately one-quarter of all AIDS cases reported nationally. New York State had the second highest number of AIDS cases, and Texas had the third highest. Florida had the fourth highest. New Jersey ranked fifth with 1,517 cases or 7.2% of the AIDS cases reported throughout the country.

TABLE B
ACTIVE AIDS CASES REPORTED TO CDC
BY STATE OF RESIDENCE - AS OF DECEMBER 21, 1987

State of Residence	Number of Cases	Percent
California	4,825	23.0
New York	3,963	18.9
Texas	1,680	8.0
Florida	1,587	7.6
New Jersey	1,517	7.2
Pennsylvania	652	3.1
Illinois	613	3.0
Georgia	500	2.4
Remainder of U.S.	5,603	26.8
Total	20,940	100.0

Table 8 presents diagnosed AIDS cases and deaths in New Jersey by county of residence for both 1986 and 1987. The geographical distribution of cases is important for organizing health and social services and for identifying critical areas of exposure and contact. For both 1986 and 1987 AIDS cases were most prevalent in four (4) northeastern counties of the state: Hudson County with rates of 46.1 and 52.4 per 100,000 population for 1986 and 1987, respectively; Essex County with rates of 44.0 and 64.0; Passaic County whose rates were 19.7 and 29.3; and Union County with rates of 17.2 and [illegible]1.2 per 100,000 population. These four counties with some of the most populous areas in the state are where 67% of all AIDS cases reside. Death rates for AIDS were correspondingly the highest among these counties.

The distribution of AIDS cases by sex and race shown in Table 9 did not change substantially in 1987 from the 1986 figures. There has been an increase in the proportion of women with AIDS, as well as an increase in those who are Black. Approximately 80% of the diagnosed cases of AIDS in New Jersey occur among men. The CDC reports that nationally over 92% of AIDS cases are in men. More than one-half of all AIDS cases in New Jersey occur among Blacks, while nationally 25% of all cases are Black. Nationally 60% of AIDS cases occur in Whites, while Whites in New Jersey constituted 34% of the AIDS population in 1987. In 1987 the highest percentage of AIDS cases appeared in Black males. Less than 12% of the diagnosed AIDS cases occurred among Hispanics in 1987.

Table 9 also shows AIDS deaths in New Jersey by both sex and race for 1986 and 1987. The distribution of AIDS deaths is similar to the distribution shown for diagnosed AIDS cases. From 1986 to 1987 the percentages of total AIDS deaths decreased among white men and increased among white women. Approximately 80% of all AIDS deaths occurred among men in 1987. More Blacks died than Whites during both years. In fact, the highest percentages of AIDS deaths for all race and sex groups occurred among Black males for 1986 and for 1987 (37% and 40% respectively). In 1986 48.6% of the deaths occurred in Blacks, 36.4% in Whites, 14.5% in Hispanics and less than 1% in other racial groups. In 1987, 54% of all AIDS deaths were among Blacks, 34.7% among Whites, 10.8% among Hispanics, and 0.4% occurred among other racial groups. The CDC reported the mean age of AIDS patients diagnosed before 1984 as 36.3 years. Thus there will be a sizable decrease in life expectancy, or sizable "years of potential life lost", for those groups most affected by AIDS.

The figures for AIDS cases and deaths shown in these tables underestimate case morbidity and mortality. Other persons may be infected with the HIV viruses or be experiencing the signs and symptoms of AIDS but not have been identified to the AIDS case surveillance unit. The long incubation period between infection with the retrovirus and diagnosis will lead to consistently underestimating the disease's prevalence on the population. A planned review of death certificates may reveal additional deaths due to AIDS that were not considered to be AIDS at the time of death.

TABLE-1

TUBERCULOSIS CASES AND DEATHS, NUMBERS AND RATES PER 100,000 ESTIMATED POPULATION: 1963-1987

	ALL CASES		DEATHS	
YEAR	Number	Rate	Number	Rate
1963	2,867	44.1	364	5.6
1964	2,970	44.9	307	4.6
1965	2,705	40.3	293	4.4
1966	2,567	37.6	297	4.4
1967	2,493	35.0	261	3.8
1968	2,271	32.4	255	3.6
1969	2,015	28.4	214	3.0
1970	2,013	28.0	245	3.4
1971	2,118	29.2	217	3.0
1972	1,162	23.1	166	2.3
1973	1,531	20.8	184	2.5
1974	1,474	19.9	161	2.2
1975	1,362	18.5	122	1.7
1976	1,317	17.9	112	1.5
1977	1,351	18.4	104	1.4
1978	1,105	15.1	104	1.4
1979	1,008	13.7	74	1.0
1980	980	13.3	65	0.9
1981	1,028	13.9	55	0.7
1982	884	11.9	53	0.7
1983	891	11.9	56	0.7
1984	935	12.4	70	0.9
1985	839	11.1	62	0.8
1986	948	12.4	78	1.0
1987	1,063	13.9	74	1.0

TABLE-2

NEW JERSEY
TUBERCULOSIS MORBIDITY AND MORTALITY
RATES PER 100,000 POPULATION
1987

	VERIFIED CASES		ALL CASES		DEATHS	
Place of Residence	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	748	9.7	1,063	13.9	74	1.0
ATLANTIC COUNTY	28	13.4	33	15.8	4	1.9
Atlantic City	20	56.4	24	67.7	2	5.6
BERGEN COUNTY	38	4.6	55	6.6	1	0.1
BURLINGTON COUNTY	13	3.3	15	3.9	0	0.0
CAMDEN COUNTY	27	5.4	39	7.9	4	0.8
Camden City	10	12.2	15	18.4	3	3.7
Cherry Hill Twp.	4	5.4	4	5.4	0	0.0
Gloucester Twp.	1	1.9	1	1.9	0	0.0
CAPE MAY COUNTY	6	6.4	9	9.6	1	1.1
CUMBERLAND COUNTY	10	7.3	13	9.4	1	0.7
Vineland City	9	16.5	11	20.2	0	0.0
ESSEX COUNTY	197	23.3	245	29.0	30	3.6
Bloomfield	3	6.3	3	6.3	1	2.1
East Orange	21	27.2	29	37.6	2	2.6
Irvington	24	38.6	34	54.6	1	1.6
Newark	124	39.3	146	46.3	21	6.7
GLOUCESTER COUNTY	6	2.8	7	3.3	0	0.0
HUDSON COUNTY	92	16.8	149	27.2	12	2.2
Bayonne	6	9.7	8	12.9	1	1.6
Hoboken	7	16.8	7	16.8	1	2.4
Jersey City	64	29.5	107	49.3	8	3.7
North Bergen Twp.	3	6.4	4	8.6	1	2.1
Union City	5	9.1	10	18.2	1	1.8
HUNTERDON COUNTY	6	6.1	9	9.1	0	0.0
MERCER COUNTY	30	9.2	33	10.1	2	0.6
Hamilton Twp.	0	0.0	0	0.0	1	1.1
Trenton	24	26.5	27	29.8	1	1.1
MIDDLESEX COUNTY	55	8.5	114	17.7	4	0.6
Edison Twp.	7	8.3	13	15.4	1	1.2
New Brunswick	8	20.2	11	27.8	0	0.0
Old Bridge Twp.	0	0.0	0	0.0	0	0.0
Piscataway Twp.	5	11.3	8	18.2	1	2.3
Woodbridge Twp.	7	7.4	18	19.1	0	0.0
MONMOUTH COUNTY	43	7.8	66	11.9	3	0.5
Middletown Twp.	1	1.4	1	1.4	0	0.0
MORRIS COUNTY	18	4.3	27	6.4	0	0.0
Parsippany-Troy Hills	2	4.1	4	8.2	0	0.0
OCEAN COUNTY	11	2.7	14	3.5	3	0.7
Brick Twp.	1	1.6	1	1.6	0	0.0
Dover Twp.	2	2.8	3	4.1	0	0.0
PASSAIC COUNTY	71	15.3	112	24.2	4	0.9
Clifton	4	5.2	10	13.1	0	0.0
Passaic City	11	20.4	20	37.1	0	0.0
Paterson	54	39.1	75	54.3	3	2.2
Wayne Twp.	0	0.0	1	2.0	0	0.0
SALEM COUNTY	3	4.6	5	7.6	0	0.0
SOMERSET COUNTY	7	3.2	9	4.1	3	1.4
SUSSEX COUNTY	2	1.6	6	4.8	0	0.0
UNION COUNTY	58	11.5	71	14.1	2	0.4
Elizabeth	33	31.2	42	39.7	2	1.9
Plainfield	5	11.0	5	11.0	0	0.0
Union Twp.	3	5.9	3	5.9	0	0.0
WARREN COUNTY	2	2.3	2	2.3	0	0.0
STATE INSTITUTIONS	25		30		0	
MILITARY POSTS	0		0		0	

NOTE: Rates not computed for State Institutions and Military Posts due to lack of population base.

TABLE-3

RESIDENT CASES OF SYPHILIS BY STAGE AND GONORRHEA
NUMBER AND RATES PER 100,000 POPULATION
NEW JERSEY: 1968-1987

Year	Population Estimates	Syphilis						Gonorrhea	
		Total Cases [2]		Primary and Secondary		Early Latent			
		Number	Rate	Number	Rate	Number	Rate	Number	Rate
1968	7,012,750	2,935	41.9	457	6.5	291	4.1	8,098	115.5
1969	7,103,310	4,111	57.9	622	8.8	444	6.2	8,410	118.4
1970	7,192,805	5,078	70.6	891	12.4	568	7.9	9,751	135.6
1971	7,261,440	6,029	83.0	945	13.0	605	8.3	11,480	158.1
1972 [1]	7,322,685	2,636	36.0	942	12.9	608	8.3	16,658	227.5
1973	7,368,675	2,895	39.3	1,009	13.7	678	9.2	16,206	219.9
1974	7,397,190	2,634	35.6	836	11.3	622	8.4	15,294	206.8
1975	7,349,597	2,410	32.8	758	10.3	661	9.0	17,261	234.9
1976	7,358,096	2,180	29.6	556	7.6	587	8.0	17,708	240.7
1977	7,358,564	1,899	25.8	374	5.1	430	5.8	18,837	256.0
1978	7,315,533	1,804	24.7	357	4.9	395	5.4	20,221	276.4
1979	7,331,938	1,934	26.4	481	6.6	467	6.4	19,548	266.6
1980	7,365,011	2,314	31.4	449	6.1	392	5.3	21,018	285.4
1981	7,407,643	2,096	28.3	606	8.2	500	6.7	22,998	310.5
1982	7,426,952	1,930	26.0	663	8.9	520	7.0	22,665	305.2
1983	7,468,000	2,088	28.0	823	11.0	578	7.7	22,075	295.6
1984	7,518,000	2,006	26.7	678	9.0	572	7.6	20,351	270.7
1985	7,568,000	2,284	30.2	760	10.0	548	7.2	19,751	261.0
1986	7,625,000	1,993	26.1	672	8.8	551	7.2	19,612	257.2
1987	7,672,000	2,209	28.8	753	9.8	579	7.5	17,150	223.5

1) The sharp decrease in new cases of syphilis in 1972 reflects improved tabulation of data eliminating cases previously recorded in New Jersey or other states.

2) Total Cases includes Late and Late Latent, and Congenital Syphilis.

TABLE-4

RESIDENT CASES OF SYPHILIS BY STAGE, AND GONORRHEA, NUMBERS AND RATES PER 100,000 ESTIMATED POPULATION, COUNTIES AND SELECTED PLACES NEW JERSEY: 1987

	SYPHILIS									
	TOTAL CASES*		PRIMARY AND SECONDARY		EARLY LATENT		LATE AND LATE LATENT		GONORRHEA	
PLACE OF RESIDENCE	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
STATE TOTAL	2,209	28.8	753	9.8	579	7.5	865	11.3	17,150	223.5
ATLANTIC COUNTY	151	72.4	39	18.7	33	15.8	77	36.9	584	280.0
Atlantic City	119	335.9	31	87.5	29	81.8	57	160.9	372	1,049.9
BERGEN COUNTY	96	11.6	24	2.9	24	2.9	48	5.8	407	49.0
BURLINGTON COUNTY	37	9.5	8	2.1	9	2.3	18	4.6	278	71.6
CAMDEN COUNTY	143	28.8	30	6.0	37	7.5	75	15.1	1,062	214.0
Camden City	114	139.6	24	29.4	33	40.4	56	68.6	893	1,093.4
Cherry Hill Twp.	0	0.0	0	0.0	0	0.0	0	0.0	15	20.4
Gloucester Twp.	1	1.9	1	1.9	0	0.0	0	0.0	12	23.2
CAPE MAY COUNTY	12	12.7	2	2.1	1	1.1	9	9.6	69	73.3
CUMBERLAND COUNTY	88	64.0	25	18.2	37	26.9	26	18.9	556	404.2
Vineland City	34	62.4	11	20.2	19	34.9	4	7.3	194	356.0
ESSEX COUNTY	467	55.3	195	23.1	180	21.3	92	10.9	5,111	605.2
Bloomfield	4	8.3	0	0.0	1	2.1	3	6.3	16	33.3
East Orange	69	89.4	30	38.9	27	35.0	12	15.6	851	1,103.2
Irvington	31	49.8	11	17.7	7	11.2	13	20.9	421	676.3
Newark	316	100.3	140	44.4	121	38.4	55	17.4	3,460	1,097.7
GLOUCESTER COUNTY	17	8.0	5	2.3	1	0.5	11	5.2	205	96.2
HUDSON COUNTY	321	58.7	144	26.3	56	10.2	120	21.9	1,493	272.8
Bayonne	7	11.3	1	1.6	1	1.6	5	8.1	38	61.4
Hoboken	7	16.8	2	4.8	4	9.6	2	4.8	24	57.6
Jersey City	228	104.9	123	56.6	42	19.3	62	28.5	1,339	616.3
North Bergen Twp.	13	27.8	1	2.1	1	2.1	11	23.6	11	23.6
Union City	21	38.2	5	9.1	0	0.0	16	29.1	45	81.9
HUNTERDON COUNTY	2	2.0	1	1.0	0	0.0	1	1.0	20	20.2
MERCER COUNTY	113	34.5	56	17.1	28	8.6	28	8.6	2,912	890.2
Hamilton Twp.	2	2.3	0	0.0	1	1.1	1	1.1	59	67.7
Trenton	108	119.1	56	61.8	27	29.8	24	26.5	2,757	3,041.5
MIDDLESEX COUNTY	76	11.8	18	2.8	14	2.2	44	6.8	701	108.6
Edison Twp.	12	14.3	2	2.4	3	3.6	7	8.3	56	66.5
New Brunswick	20	50.5	5	12.6	4	10.1	11	27.8	428	1,081.7
Old Bridge Twp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Piscataway Twp.	6	13.6	1	2.3	2	4.5	3	6.8	44	99.9
Woodbridge Twp.	8	8.5	3	3.2	0	0.0	5	5.3	14	14.9
MONMOUTH COUNTY	110	19.9	43	7.8	30	5.4	37	6.7	449	81.1
Middletown Twp.	0	0.0	0	0.0	0	0.0	0	0.0	8	11.5
MORRIS COUNTY	30	7.2	6	1.4	2	0.5	22	5.2	129	30.8
Parsippany-Troy Hills	4	8.2	1	2.1	0	0.0	3	6.2	8	16.4
OCEAN COUNTY	9	2.2	0	0.0	2	0.5	7	1.7	118	29.3
Brick Twp.	0	0.0	0	0.0	0	0.0	0	0.0	8	12.9
Dover Twp.	1	1.4	0	0.0	0	0.0	1	1.4	24	33.1
PASSAIC COUNTY	292	63.0	81	17.5	75	16.2	134	28.9	1,574	339.4
Clifton	3	3.9	0	0.0	1	1.3	2	2.6	21	27.5
Passaic City	77	143.0	16	29.7	22	40.8	38	70.6	161	298.9
Paterson	205	148.3	63	45.6	50	36.2	91	65.8	1,357	981.9
Wayne Twp.	2	3.9	0	0.0	2	3.9	0	0.0	20	39.1
SALEM COUNTY	19	29.1	7	10.7	6	9.2	5	7.6	218	333.5
SOMERSET COUNTY	9	4.1	2	0.9	3	1.4	4	1.8	155	69.9
SUSSEX COUNTY	2	1.6	1	0.8	0	0.0	1	0.8	12	9.7
UNION COUNTY	177	35.2	60	11.9	35	7.0	80	15.9	909	180.9
Elizabeth	87	82.2	19	17.9	18	17.0	50	47.2	176	166.2
Plainfield	41	89.9	17	37.3	8	17.5	14	30.7	483	1,058.7
Union Twp.	4	7.9	1	2.0	0	0.0	3	5.9	29	56.9
WARREN COUNTY	6	6.9	1	1.1	2	2.3	3	3.4	17	19.5
STATE INSTITUTIONS	19		0		0		19		13	
MILITARY POSTS	13		5		4		4		158	

* Total cases includes 10 Congential Syphilis Cases.
Rates not computed for State Institutions and Military Posts due to lack of population base.

TABLE-5

SYPHILIS BY STAGE, AND GONORRHEA (EXCLUDING MILITARY) BY AGE AND SEX
AGE- AND SEX-SPECIFIC RATES FOR 100,000 POPULATION
NEW JERSEY: 1987

	SYPHILIS CASES											
	Total		PRIMARY AND SECONDARY		EARLY LATENT		LATE AND LATE LATENT		CONGENITAL		GONORRHEA	
Sex and Age	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
TOTAL	2,196	28.6	748	9.7	575	7.5	861	11.2	12	0.2	16,992	221.5
Under 5	12	2.3	2	0.4	0	0.0	0	0.0	10	1.9	24	4.7
5-9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	23	4.8
10-14	8	1.6	5	1.0	3	0.6	0	0.0	0	0.0	195	38.0
15-19	202	35.8	82	14.5	84	14.9	35	6.2	1	0.2	4,244	752.1
20-24	529	86.4	219	35.8	174	28.4	136	22.2	0	0.0	4,934	805.6
25-29	514	80.0	189	29.4	154	24.0	171	26.6	0	0.0	3,202	498.6
30-34	308	48.2	93	14.6	78	12.2	137	21.5	0	0.0	1,682	263.4
35-39	207	35.1	76	12.9	36	6.1	95	16.1	0	0.0	734	124.3
40-44	110	21.1	40	7.7	17	3.3	53	10.1	0	0.0	353	67.6
45-59	159	13.1	35	2.9	26	2.1	97	8.0	1	0.1	344	28.3
60 and over	124	9.0	1	0.1	2	0.1	121	8.8	0	0.0	57	4.1
Unstated	23		6		1		16		0		1,200	
Male	1,251	34.0	430	11.7	296	8.0	515	14.0	10	0.3	11,279	306.5
Female	945	23.7	318	8.0	279	7.0	346	8.7	2	0.1	5,713	143.2

Military cases are not included because of the lack of sex and age information.

TABLE-6

NEW JERSEY
ANNUAL SUMMARY OF NOTIFIABLE DISEASES BY COUNTY OF USUAL RESIDENCE
1987

			HEPATITIS							MENINGOCOCCAL INFECTIONS													
COUNTIES	Amebiasis	Aseptic Meningitis	Type A	Type B	Type Unspecified	Type Non-A Non-B	Legionellosis	Malaria	Measles (Rubeola)	Total	Military	Civilian	Mumps	Pertussis (Whooping Cough)	Rubella (German Measles)	Salmonellosis (Excluding Typhoid Fever)	Shigellosis (Bacillary Dysentery)	Tetanus	Trichinosis	Typhoid Fever (Cases Only)	Typhus Fever (Rocky Mt. Spotted)	Toxic Shock Syndrome	Encephalitis (Other Primary Infections)
TOTAL	97	429	286	565	50	67	35	40	39	73	0	73	76	25	1	2,358	547	4	11	23	1	9	11
Atlantic	7	4	31	35	1	1				1		1	3			97	7					2	
Bergen	4	63	7	28	7	5	1	3	8	6		6	14			199	46			3		3	2
Burlington		12	25	25		4	1	2	1	3		3	1	2		62	6					1	
Camden	2	18	24	59	2	1			1	3		3	6	3		202	86						
Cape May	27	2	22	18	1		1	1		2		2	2			24							
Cumberland	13	8	3	37	1	6		1					1	2		122	2						
Essex	4	28	13	76	9	6	5	6	7	12		12	4	11		294	45	1		2			1
Gloucester		9	6	10		1	1			2		2	1	1		43	7						2
Hudson	7	6	17	23	2	2	2	6	10	6		6	4	1		194	34			7			
Hunterdon		4	4	1			1			3		3				50	1				1		
Mercer	1	26	4	32	2	6	5	2		4		4	2			120	12		8				
Middlesex	7	42	40	43	4	5	5	5	3	5		5	6	2		199	38			2			2
Monmouth	4	51	14	41	2	4	2	2	4	9		9	10		1	144	34	1		3		1	1
Morris	6	44	6	15	2	1	1	2		5		5	7	1		77	11			2			1
Ocean	2	26	33	24	10	3	3			4		4	5			86	56						1
Passaic	4	40	20	31	1	10	3	2	3	1		1	9	1		161	108	2					
Salem		4	1	4	1											28	1						
Somerset	3	16	4	15			1	2								42	4		3				
Sussex	1	12	4	4	1	2										24	4						1
Union	1	11	7	40	4	10	3	6	2	6		6	1	1		126	20			4			
Warren		3		4						1		1				20	2						
Unknown	4															44	23					2	

NOTE: There were no cases of Brucellosis, Diptheria, Mumps, Tularemia or Encephalitis (Post Chicken Pox and other).

TABLE-7

NEW JERSEY
RESIDENT HEPATITIS CASES BY AGE, BY SEX, NUMBERS, AND RATES PER 100,000 ESTIMATED POPULATION
1987

	INFECTIOUS (TYPE A)						SERUM (TYPE B)						UNSPECIFIED						TYPE NON-A, NON-B					
	TOTAL		MALE		FEMALE		TOTAL		MALE		FEMALE		TOTAL		MALE		FEMALE		TOTAL		MALE		FEMALE	
AGE GROUP	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
ALL AGES	286	3.7	173	4.7	113	2.8	565	7.4	361	9.8	204	5.1	50	0.7	17	0.5	33	0.8	67	0.9	43	1.2	24	0.6
Under 5	3	0.6	2	0.8	1	0.4	5	1.0	3	1.1	2	0.8							1	0.2	1	0.4		
5-9	16	3.3	7	2.8	9	3.8	2	0.4			2	0.9												
10-14	14	2.7	9	3.4	5	2.0	2	0.4	1	0.4	1	0.4												
15-19	32	5.7	12	4.2	20	7.2	39	6.9	17	6.0	22	7.9	6	1.1	2	0.7	4	1.4						
20-24	43	7.0	31	10.2	12	3.9	117	19.1	68	22.4	49	15.8	4	0.7	2	0.7	2	0.6	4	0.7	3	1.0	1	0.3
25-29	41	6.4	28	8.7	13	4.0	122	19.0	77	23.8	45	13.9	9	1.4	5	1.5	4	1.2	17	2.6	11	3.4	6	1.9
30-39	50	4.1	30	4.9	20	3.2	144	11.7	98	16.2	46	7.4	8	0.7	3	0.5	5	0.8	13	1.1	9	1.5	4	0.6
40-49	38	4.0	26	5.6	12	2.4	61	6.3	47	10.1	14	2.8	6	0.6	2	0.4	4	0.8	14	1.5	9	1.9	5	1.0
50-59	24	3.1	15	4.0	9	2.2	28	3.6	21	5.7	7	1.7	2	0.3			2	0.5	6	0.8	3	0.8	3	0.7
60+	24	1.7	12	2.1	12	1.5	37	2.7	24	4.3	13	1.6	14	1.0	3	0.5	11	1.4	10	0.7	5	0.9	5	0.6
Unstated	1		1				8		5		3		1				1		2		2			

TABLE-8

NEW JERSEY
AIDS CASES AND DEATHS BY COUNTY OF RESIDENCE
1986-1987 NUMBERS AND RATES PER 100,000 POPULATION

COUNTY	DIAGNOSED CASES				DEATHS			
	1986	Rate	1987	Rate	1986	Rate	1987	Rate
Atlantic County	15	7.3	22	10.5	11	5.3	15	7.2
Bergen County	65	7.8	85	10.2	41	4.9	43	5.2
Burlington County	8	2.1	20	5.2	10	2.6	12	3.1
Camden County	32	6.5	30	6.0	17	3.4	26	5.2
Cape May County	3	3.3	2	2.1	1	1.1	1	1.1
Cumberland County	4	2.9	4	2.9	4	2.9	3	2.2
Essex County	372	44.0	544	64.4	214	25.3	289	34.2
Gloucester County	11	5.2	15	7.0	8	3.8	9	4.2
Hudson County	255	46.1	287	52.4	117	21.1	154	28.1
Hunterdon County	6	6.2	6	6.1	4	4.1	4	4.0
Mercer County	14	4.3	34	10.4	9	2.8	18	5.5
Middlesex County	57	9.0	83	12.9	47	7.4	56	8.7
Monmouth County	36	6.6	61	11.0	21	3.9	31	5.6
Morris County	25	6.0	42	10.0	16	3.8	20	4.8
Ocean County	20	5.1	25	6.2	12	3.1	23	5.7
Passaic County	91	19.7	136	29.3	64	13.8	74	16.0
Salem County	2	3.1	4	6.1	1	1.5	1	1.5
Somerset County	19	8.8	23	10.4	4	1.9	18	8.1
Sussex County	4	3.3	3	2.4	1	0.8	3	2.4
Union County	87	17.2	157	31.2	52	10.3	71	14.1
Warren County	3	3.5	2	2.3	2	2.3	1	1.1
Unknown	64		81		48		50	
Total	1,193	15.6	1,666	21.7	704	9.2	922	12.0

TABLE-9

DIAGNOSED AIDS CASES AND DEATHS IN NEW JERSEY BY SEX AND RACE

DIAGNOSED CASES

	1986						1987					
	MALE		FEMALE		TOTAL		MALE		FEMALE		TOTAL	
	No.	% of Total	No.	% of Total	No.	% of Total	No.	% of Total	No.	% of Total	No.	% of Total
WHITE	364	30.5	56	4.7	420	35.2	472	28.3	88	5.3	560	33.6
BLACK	421	35.3	172	14.4	593	49.7	651	39.1	253	15.2	904	54.3
HISPANIC	150	12.6	24	2.0	174	14.6	163	9.8	34	2.0	197	11.8
OTHER	4	0.3	2	0.2	6	0.5	4	0.2	1	0.1	5	0.3
TOTAL	939	78.7	254	21.3	1,193	100.0	1,290	77.4	376	22.6	1,666	100.0

DEATHS

	1986						1987					
	MALE		FEMALE		TOTAL		MALE		FEMALE		TOTAL	
	No.	% of Total	No.	% of Total	No.	% of Total	No.	% of Total	No.	% of Total	No.	% of Total
WHITE	227	32.2	29	4.1	256	36.4	276	29.9	44	4.8	320	34.7
BLACK	258	36.6	84	11.9	342	48.6	370	40.1	128	13.9	498	54.0
HISPANIC	87	12.4	15	2.1	102	14.5	84	9.1	16	1.7	100	10.8
OTHER	1	0.1	3	0.4	4	0.6	3	0.3	1	0.1	4	0.4
TOTAL	573	81.4	131	18.6	704	100.0	733	79.5	189	20.5	922	100.0

Accident Reports
1987

TAB-J
ACCIDENTS

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NEW JERSEY DEPARTMENT OF HEALTH

Accident Reports
1987

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INTRODUCTION

Accidental death data for New Jersey have been collected and tabulated since 1968 through the use of the New Jersey Mortality reporting system. Accidental deaths are tabulated monthly and submitted to the National Safety Council as part of their overall reporting system. Data received from all the states are combined to prepare the National Safety Council's report, Accident Facts. Before the publication of this New Jersey accident report, no published summary of accidents for New Jersey had been released to the public. A number of special tables, however, were prepared and included in the prior releases of the New Jersey Public Health Reports.

The Accidental Death report includes all deaths regardless of the victim's state of residency. Accidental deaths relating only to New Jersey as the residence of the accident victim have been included in the Mortality report. This report of accumulated deaths provides an in-depth review of accidents by five major types of accidents reported by the National Safety Council. It also includes another grouping of accidents by their commonly referred to names and/or class, i.e., Motor Vehicles, Falls, Fires, Drowning, etc. Historical statistics have been compiled covering the period from 1974 to 1987 by subdivisions of cause and age groups. All tables are presented in aggregated form with individual identifiers removed.

STATISTICAL OVERVIEW

Total Accidental Deaths

The term "accidents" covers most deaths from violent occurrences. Deaths from homicides and suicides, however, are excluded as are deaths for which none of these categories apply and deaths in war operations.

Total accidental deaths in New Jersey regardless of the residence of the victim, increased in 1987 from the 1986 level of 2,353 to 2,518. This represents an increase of 7.0% over the year. Much of this increase can be accounted for by 179 additional accidental deaths in the home. Total accidental deaths at the national level decreased in 1987 from the 1986 level of 95,564 to 94,840. This decrease nationally represents a 0.8 percent decrease in total accidental deaths. Motor vehicle deaths in the nation increased from 48,560 to 48,950.

New Jersey vs. National Accident Rate

In 1987, the New Jersey accidental death rate per 100,000 state residents was 32.8 up 6.1% from 30.9 in 1986. This rate is 15.9% lower than the national rate of 39.0 per 100,000 population for the same time period. An accident death rate for all accidents occurring in the State cannot be computed because there is no known way to include the out-of-state population base.

Motor Vehicle Accidental Deaths

Motor vehicle deaths included those deaths involving mechanically or electrically powered highway transport vehicles in motion (except those on rails) both on and off the highway or street. Fatalities occurring in the State as the result of motor vehicle accidents fell slightly in 1987 by 0.3% from the 1986 level of 1,121 to 1,118. For the nation there was an increase of 0.8%. Of the 1,118 New Jersey deaths in 1987, 404 (36.1%) were the result of a collision with other motor vehicles; 220 (19.7%) were classified as pedestrian deaths; 192 (24.7%) deaths resulted from a collision with a fixed object; 78 (7.0%) were caused by noncollision; 27 (2.4%) were listed as "injury to pedal cyclist" deaths; 1 (.1%) death was the result of a collision with a railroad train; and 191 (17.1%) were classified as Other and Unspecified deaths. Of all the specified classifications of motor vehicle deaths, collision with a fixed object increased substantially in 1987 versus 1986 with an increase of over 24% (or 39 deaths). While the drivers of motor vehicles represent the majority of the deaths that resulted in this classification, the records show that one out of every five motor vehicle accident deaths was a pedestrian.

Accidental Deaths in the Home

This category of accidents resulting in deaths includes deaths in the home and on the premises to occupants, guests, and trespassers. Also included in this category are domestic servants, but other persons working on home premises are excluded. The year 1987 recorded 652 accidental deaths in the home. This is an increase of 37.8% from the 1986 level of 473. The ranking of New Jersey accidental deaths in the home for 1987 is as follows: The large majority, 82.1% of accidental deaths in the home, occurred from falls, poisonings, and fires. Poisonings increased more from 1986 than any other category, 74 percent.

1987 ACCIDENTAL DEATHS
IN THE HOME

Type	Number	Percent
Poisonings (gas excepted)	211	32.4
Falls	181	27.8
Fires	143	21.9
Drownings	27	4.1
Suffocation (ingested food or object)	19	2.9
Poisonings (by gases and vapors)	16	2.5
Suffocation (mechanical)	9	1.4
Firearms	3	0.5
Other and Unspecified	43	6.6
Total	652	100.0

Public Nonmotor Vehicle Deaths

Public accidents include deaths in public places or places used in a public way that do not involve motor vehicles. Most sports and recreational deaths are included in this category. Deaths in the course of employment are excluded. In 1987, there were 287 Public Nonmotor Vehicle deaths, a decrease of 7.7% from the 1986 total. In New Jersey, drownings top the list with 59 (20.6%); in second place were falls with 57 (19.9%); air transport deaths followed with 15 (5.2%); and in fourth place were railroad deaths with 15 (5.2%). Falls and drownings are the areas of greatest concern in this classification of accidental deaths for they account for over one-third (40.5%) of the total.

At Work

Work related deaths are those which arise in the course of gainful employment regardless of where the accident occurs. Excluded from this category are work deaths to domestic servants and deaths occurring in connection with farm chores that are classified as home deaths. Seventy-three (73) accidental deaths occurred in New Jersey's work settings in 1987 compared to 69 reported in 1986; this was an increase of 5.8%. Major death rankings in the workplace in 1987 are: (1) Construction, 14 deaths (19.2%); (2) Manufacturing, 3 deaths (4.1%); (3) Agriculture, 3 deaths (4.1%). A multiple unspecified category included 49 deaths (67.1%).

Overall Deaths - In Any Location or Setting

Another perspective can be obtained on accidental deaths by combining types of deaths by cause regardless of location of the accident.

The classification of accidental deaths reported in Table 9 produced the following ranking from most to least frequent for 1987: (1) Motor Vehicles, (2) Falls, (3) Poisonings, (4) Fires, (5) Drownings, (6) Job Related, (7) Suffocations, (8) Air Transport, (9) Railroad-Not with Motor Vehicle, (10) Water Transport, and (11) Firearms. A breakdown of the causes of death by age groups is presented in this same table.

Age of Death Analyses

An analysis of accidental causes of death by age for 1987 shows that 60% of the motor vehicle accident deaths occur to persons between the ages of 15 and 44. On the other hand, 69% of the falls happen to those persons 65 years of age and over. In 1987 52% of the drownings occurred to individuals between the ages of 15 and 44. Nearly one-fifth (17.9%) of the deaths by suffocation were children four years of age or less (down from 26.1% in 1986); Deaths by railroad -- not with motor vehicles -- indicate that 93.3% were in the 15-44 age group. The number of deaths caused by fires were fairly evenly distributed among all age groups. However, in relation to population percentages children under 5 and adults aged 75 years and older suffered a disproportionately higher share of deaths.

The three age groups that had a higher total accidental death percentage in 1987 than in 1986 are: (a) 0-4 year olds, 3.1% vs. 2.9%; (b) 25-44 year olds, 34.4% vs. 33.2% (especially because of poisonings); and (c) 75 years and older, 16.6% vs. 15%.

TABLE-1

ACCIDENTAL DEATHS BY TYPE CLASSIFICATION IN ANY LOCATION OR SPECIFIC SETTING

1986-1987

Classification of Accident	1986 Number	1986 Percent	1987 Number	1987 Percent	Percent Change 1987 vs. 1986
Motor Vehicle	1,121	47.6	1,118	44.4	-0.3
Falls	192	8.2	238	9.5	24.0
Poisonings	134	5.7	227	9.0	69.4
Fires	130	5.5	148	5.9	13.8
Drownings	100	4.2	86	3.4	-14.0
Job Related	69	2.9	73	2.9	5.8
Suffocation	23	1.0	28	1.1	21.7
Air Transport	20	0.8	15	0.6	-25.0
Railroad - Not with Motor Vehicle	18	0.8	15	0.6	-16.7
Water Transport	7	0.3	10	0.4	42.9
Firearms	3	0.1	3	0.1	0.0
Other and Unspecified	157	6.7	169	6.7	7.6
Unknown and Late Effects	379	16.1	388	15.4	2.4
Total	2,353	100.0	2,518	100.0	7.0

TABLE-2

ACCIDENTAL DEATHS

1986-1987

Type of Accident	1986 Number	1986 Percent	1987 Number	1987 Percent	Percent Change 1987 vs. 1986
Motor Vehicle	1,121	47.6	1,118	44.4	-0.3
In the Home	473	20.1	652	25.9	37.8
Public Nonmotor Vehicle	311	13.2	287	11.4	-7.7
At Work	69	2.9	73	2.9	5.8
Unknown and Late Effects	379	16.1	388	15.4	2.4
Total	2,353	100.0	2,518	100.0	7.0

TABLE-3

ACCIDENTAL DEATH SUMMARY, NEW JERSEY: 1974-1987

	TYPE OF ACCIDENT	1974	1975	1976	1977
	GRAND TOTAL	2,710	2,565	2,451	2,527
1	WORK PLACE TOTAL	108	65	79	67
2	Agriculture	3	1	1	3
3	Mining, Quarrying, Oil and Gas Wells	0	0	0	0
4	Construction	20	17	17	11
5	Manufacturing	40	19	16	21
6	Transportation and Public Utilities	13	8	9	8
7	Trade	2	2	8	3
8	Service	3	2	5	2
9	Government	5	5	3	1
10	Other and Unspecified Industry	22	11	20	18
11	HOME TOTAL	726	651	568	633
12	Poisonings (gas excepted)	94	70	66	67
13	Poisonings by Gases and Vapors	28	19	17	14
14	Falls	337	304	261	309
15	Fires	163	170	145	163
16	Drowning	36	13	12	15
17	Suffocation, Ingested Food or Object	16	24	29	17
18	Suffocation, Mechanical	9	11	2	12
19	Firearms	13	13	9	7
20	Other and Unspecified Home Accidents	30	27	27	29
21	MOTOR-VEHICLE TOTAL	1,109	1,108	1,050	1,112
22	Injury to Pedestrian	316	281	284	276
23	Injury to Pedal Cyclist	22	26	23	21
24	Injury to Rider of Animal or Occupant of Animal-Drawn Vehicle	2	0	0	0
25	Collison with Railroad Train	8	7	1	7
26	Collison with Other Motor Vehicle	366	394	367	425
27	Collison with Fixed Object	83	115	37	37
28	Noncollision	299	267	322	330
29	Other and Unspecified Accidents	13	18	16	16
30	PERSON INJURED*				
31	Driver of motor vehicle other than motorcycle	491	502	412	462
32	Passenger in M.V. other than motorcycle	218	253	275	255
33	Motorcyclist	44	30	43	77
34	Passenger on motorcycle	6	7	5	6
35	PUBLIC NONMOTOR-VEHICLE TOTAL	437	417	407	356
36	Railroad-Not with Motor Vehicle	19	13	18	22
37	Other Road Vehicle-Not with Motor Vehicle	5	4	3	6
38	Water Transport	29	29	27	26
39	Air Transport	16	18	21	10
40	Falls	143	159	131	115
41	Fires	6	5	4	12
42	Drowning	114	113	92	82
43	Firearms	7	3	9	4
44	Other and Unspecified Public Accidents	98	73	102	79
45	Accident Type Unknown and Late Effects	330	324	347	359

*PERSON INJURED-have been included in MOTOR-VEHICLE TOTAL.

TABLE-3(CONTINUED)

1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	
2,455	2,827	2,689	2,741	2,533	2,310	2,265	2,294	2,353	2.518	
78	94	53	84	50	74	66	71	69	73	1
1	7	1	2	1	4	1	1	3	3	2
0	0	0	0	0	2	0	2	0	0	3
21	17	23	18	14	15	9	21	18	14	4
22	15	7	17	8	4	5	5	5	3	5
3	12	3	9	2	2	6	6	2	1	6
5	1	1		1		1	3	1	0	7
1	1	1	11	12	2	11	2	1	2	8
3	12	5	3	7	4	3	3	3	1	9
22	29	12	24	5	41	30	28	36	49	10
501	592	559	590	577	508	532	538	473	652	11
49	42	42	76	60	51	76	120	121	211	12
14	22	7	20	24	10	13	17	13	16	13
231	248	238	239	240	226	210	171	135	181	14
125	179	172	168	156	117	127	149	117	143	15
17	20	19	19	14	24	25	26	33	27	16
14	22	29	13	17	20	16	16	14	19	17
14	14	11	9	8	12	18	5	9	9	18
8	5	7	9	14	9	15	3	2	3	19
29	40	34	37	44	39	32	31	29	43	20
1,156	1,319	1,280	1,313	1,177	1,037	984	1,017	1,121	1,118	21
280	344	322	306	313	262	255	265	272	220	22
31	29	22	29	15	21	35	14	36	27	23
0	0	0	0	0	0	0	0	0	0	24
5	4	5	11	3	2	1	3	3	1	25
467	475	457	513	445	352	340	365	383	404	26
24	46	53	46	41	23	22	89	158	197	27
334	375	372	374	326	344	273	220	115	78	28
15	46	49	34	34	33	58	61	154	191	29
0	0	0	0	0	0	0	0	0	0	30
497	531	528	559	475	569	412	402	349	351	31
256	267	263	264	244	207	171	180	171	195	32
67	81	79	90	83	62	56	55	64	46	33
12	11	12	13	9	8	3	8	4	6	34
350	431	363	321	326	326	297	269	311	287	35
21	21	17	14	24	25	14	21	18	15	36
3	7	2	1	1	2	6	2	3	2	37
22	40	32	18	22	8	19	10	7	10	38
14	25	30	17	15	28	33	25	20	15	39
112	103	91	65	77	84	66	51	57	57	40
6	8	6	43	8	12	11	3	13	5	41
101	121	112	96	85	97	64	76	67	59	42
3	4	7	4	5	5	3	2	1	0	43
63	102	66	63	89	65	81	79	125	124	44
370	391	434	433	403	365	386	399	379	388	45

TABLE-4

MOTOR VEHICLE DEATHS
1986-1987

Type of Accident	1986 Number	Percent	1987 Number	Percent	Percent Change 1987 vs. 1986
Collision with other Motor Vehicle	383	34.2	404	36.1	5.5
Injury to Pedestrian	272	24.3	220	19.7	-19.1
Collision with Fixed Object	158	14.1	197	17.6	24.7
Noncollision	115	10.3	78	7.0	-32.2
Injury to Pedal Cyclist	36	3.2	27	2.4	-25.0
Collision with Railroad Train	3	0.3	1	0.1	-66.7
Other and Unspecified	154	13.7	191	17.1	24.0
Total	1,121	100.0	1,118	100.0	-0.3

TABLE-5

DEATHS IN THE HOME
1986-1987

Type of Accident	1986 Number	Percent	1987 Number	Percent	Percent Change 1987 vs. 1986
Poisonings (Gas excepted)	121	25.6	211	32.4	74.4
Falls	135	28.5	181	27.8	34.1
Fires	117	24.7	143	21.9	22.2
Drowning	33	7.0	27	4.1	-18.2
Suffocation, ingested food or object	14	3.0	19	2.9	35.7
Poisoning by gas and vapors	13	2.7	16	2.5	23.1
Suffocation, mechanical	9	1.9	9	1.4	0.0
Firearms	2	0.4	3	0.5	50.0
Other and Unspecified	29	6.1	43	6.6	48.3
Total	473	100.0	652	100.0	37.8

TABLE-6

PUBLIC NONMOTOR VEHICLE DEATHS
1986-1987

Type of Accident	1986 Number	1986 Percent	1987 Number	1987 Percent	Percent Change 1987 vs. 1986
Drowning	67	21.5	59	20.6	-11.9
Falls	57	18.3	57	19.9	0.0
Air Transport	20	6.4	15	5.2	-25.0
Railroad - not with Motor Vehicle	18	5.8	15	5.2	-16.7
Water Transport	7	2.3	10	3.5	42.9
Fires	13	4.2	5	1.7	-61.5
Other Road Vehicle - not with Motor Vehicle	3	1.0	2	0.7	-33.3
Firearms	1	0.3	0	0.0	-100.0
Other and Unspecified	125	40.2	124	43.2	-0.8
Total	311	100.0	287	100.0	-7.7

TABLE-7

DEATHS AT WORK
1986-1987

Type of Accident	1986 Number	1986 Percent	1987 Number	1987 Percent	Percent Change 1987 vs. 1986
Construction	18	26.1	14	19.2	-22.2
Manufacturing	5	7.2	3	4.1	-40.0
Agriculture	3	4.3	3	4.1	0.0
Service	1	1.4	2	2.7	100.0
Government	3	4.3	1	1.4	-66.7
Transportation and Public Utilities	2	2.9	1	1.4	-50.0
Trade	1	1.4	0	0.0	-100.0
Mining, Quarrying, Oil and Gas Wells	0	0.0	0	0.0	0.0
Other and Unspecified	36	52.2	49	67.1	36.1
Total	69	100.0	73	100.0	5.8

TABLE-8

ACCIDENTAL DEATHS BY OCCURRENCE, PERCENT BY AGE GROUP
NEW JERSEY: 1986

Classification of Accidents	Total	AGE GROUP 0-4	5-14	15-24	25-44	45-64	65-74	75+	Unknown
Total	2,353	69	105	448	781	383	209	354	4
	100.0	2.9	4.5	19.0	33.2	16.3	8.9	15.0	0.2
Motor Vehicle	1,121	20	67	308	364	177	87	98	
	100.0	1.8	6.0	27.5	32.5	15.8	7.8	8.7	
Falls	192	3	1	10	23	36	28	91	
	100.0	1.6	0.5	5.2	12.0	18.8	14.6	47.4	
Poisonings	134	1		18	87	17	5	6	
	100.0	0.7		13.4	64.9	12.7	3.7	4.5	
Fires	130	17	15	15	27	22	14	20	
	100.0	13.1	11.5	11.5	20.8	16.9	10.8	15.4	
Drownings	100	12	12	24	28	18	1	5	
	100.0	12.0	12.0	24.0	28.0	18.0	1.0	5.0	
Job Related	69			12	33	18	5	1	
	100.0			17.4	47.8	26.1	7.2	1.4	
Suffocation	23	6	1	1	7	4		4	
	100.0	26.1	4.3	4.3	30.4	17.4		17.4	
Air Transport	20			1	10	8	1		
	100.0			5.0	50.0	40.0	5.0		
Railroad-Not with Motor Vehicle	18			6	6	5			1
	100.0			33.3	33.3	27.8			5.6
Water Transport	7			2	2	3			
	100.0			28.6	28.6	42.9			
Firearms	3		1	1	1				
	100.0		33.3	33.3	33.3				
Other and Unspecified Home Accidents	29	3	1	1	2	15	1	5	1
	100.0	10.3	3.4	3.4	6.9	51.7	3.4	17.2	3.4
Other and Unspecified Public Accidents	128		2	18	50	17	18	23	
	100.0		1.6	14.1	39.1	13.3	14.1	18.0	
Accidents Type Unknown and Late Effects	379	7	5	31	141	43	49	101	2
	100.0	1.8	1.3	8.2	37.2	11.3	12.9	26.6	0.5

Note: The above totals prepared for the National Safety Council Report.

TABLE-9

ACCIDENTAL DEATHS BY OCCURRENCE, PERCENT BY AGE GROUP
NEW JERSEY: 1987

Classification of Accidents	Total	AGE GROUP 0-4	5-14	15-24	25-44	45-64	65-74	75+	Unknown
Total	2,518	77	96	446	865	403	211	417	3
	100.0	3.1	3.8	17.7	34.4	16.0	8.4	16.6	0.1
Motor Vehicle	1,118	18	50	316	360	193	85	95	1
	100.0	1.6	4.5	28.3	32.2	17.3	7.6	8.5	0.1
Falls	238	4		7	28	34	47	118	
	100.0	1.7		2.9	11.8	14.3	19.7	49.6	
Poisonings	227	4	2	22	174	21	1	3	
	100.0	1.8	0.9	9.7	76.7	9.3	0.4	1.3	
Fires	148	24	13	11	19	27	23	31	
	100.0	16.2	8.8	7.4	12.8	18.2	15.5	20.9	
Drownings	86	8	13	17	28	10	6	4	
	100.0	9.3	15.1	19.8	32.6	11.6	7.0	4.7	
Job Related	73			12	35	24	2		
	100.0			16.4	47.9	32.9	2.7		
Suffocation	28	5	4	1	3	7	4	4	
	100.0	17.9	14.3	3.6	10.7	25.0	14.3	14.3	
Air Transport	15		2	2	4	6	1		
	100.0		13.3	13.3	26.7	40.0	6.7		
Railroad - Not with	15			5	9		1		
Motor Vehicle	100.0			33.3	60.0		6.7		
Water Transport	10			3	4	2		1	
	100.0			30.0	40.0	20.0		10.0	
Firearms	3			1	2				
	100.0			33.3	66.7				
Other and Unspecified	43	2	1	1	11	10	6	12	
Home Accidents	100.0	4.7	2.3	2.3	25.6	23.3	14.0	27.9	
Other and Unspecified	126	4	6	14	43	29	11	18	1
Public Accidents	100.0	3.2	4.8	11.1	34.1	23.0	8.7	14.3	0.8
Accidents Type Unknown	388	8	5	34	145	40	24	131	1
and Late Effects	100.0	2.1	1.3	8.8	37.4	10.3	6.2	33.8	0.3

Note: The above totals prepared for the National Safety Council Report.

G0710

Population
1987

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TAB-K
POPULATION

Population

1987

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Population

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NATIONAL TRENDS IN POPULATION GROWTH

Past Patterns of Change

The pattern of population change by age is essentially a reflection of the fluctuation in the number of births over time, modified by changes in levels of immigration and mortality. Large fluctuations in fertility occurred during periods such as the Great Depression in the 1930s and the baby boom beginning in 1946. After sustaining a level of almost 3 million in the early to middle 1920s, the number of births dropped to 2.3 million by 1933-34 and did not return to their old levels until World War II.

In 1946-47, the year following the demobilization of the Armed Forces, the number of births reached a new plateau of 3.9 million, an increase of roughly a million over the previous year. Although the birth rate began to drop in the 1950s, the number of births exceeded 4 million for 11 successive years from 1953 to 1964. Births peaked at 4.35 million in 1960-61, but in no year between 1946 and 1971 did the number of births fall below 3.5 million. With the fertility decline of the 1970s, the level of births dropped to 3.1 million in 1973-74, and only in the 1980s has the number risen above 3.5 million again.

The population in the younger age groups (5 to 13 years) and in school enrollment has reflected the long term decline in births since the middle 1960s. Elementary school enrollment plummeted during the 1970s as the population in this age range declined by 17 percent or 6 million from almost 37 million in 1970. This population has continued to decline moderately in the 1980s. With the rise in births since the middle 1970s, the population under 5 is growing again, so that stabilization and some small growth of the elementary school-age population can be expected soon. Constriction of the population aged 14 to 17 continues as the last of the baby boom generation passes through high school. That age group has declined by almost 8 percent since 1980, the largest decline of any age group. The college-age and young-adult population (18 to 24 years old), which grew enormously during the 1960s and 1970s as the baby boom cohort entered these decades, has been declining since 1981.

The fastest growing age group in the United States in the 1970s, aged 25 to 34, increased by 4.9 million or 13.3 percent from 1980 to 1985. This age group will continue to grow during the 1980s but at a greatly reduced rate. By 1984, the oldest cohort of the baby boom had entered the 35-44 year old age group, which has had the largest increase of any group since 1980 (6.0 million or 23.9 percent). This is the most rapidly growing age group whose growth will continue in the future as the baby boom generation approaches middle age.

The population aged 45 to 54 is beginning to decline as the small Depression cohort ages. The age group from 55 to 64, which is now growing slowly, will begin to decline in size when the smaller cohorts of the late 1920s and the Depression enter this age group. By contrast, the elderly population in the United States (65 years and over) continues to grow rapidly increasing as a group by 3.0 million or 11.7 percent since 1980. The continued aging trend in the population is reflected in the change in the median age. Between 1980 and 1983, the median age rose 0.9 years from 30.0 years to 30.9 years.

Although the general pattern of population change by age is approximately the same for Whites and Blacks, the Black population is growing more rapidly, which is apparent from the distinct racial differences in some age groups. The Black population under 5 years of age has shown significantly greater growth than the White population under 5. Similarly, each Black age group, with the exception of the 35 to 44 years and 65 years and over groups, exhibits either a larger increase or a smaller decrease than the comparable White age group. The overall effect is that the Black population grew by 5.3 percent compared with 2.5 percent for Whites between 1980 and 1983.

The Census of 1980

The 1980 census showed that dramatic changes took place in the social fabric of virtually every state during the 1970s. Shifts in family, household, and marriage patterns over the decade have altered the makeup of American society at the National, State, and local levels.

According to the 1980 census counts, the median age of the population increased to 30 years from the 28 year level reported in the 1970 Census. The increase has been attributed to declining fertility, aging of the "baby boom" cohorts, and increasing longevity of the population. Less than one-quarter of the population in 1980 was under 15 years of age and 11.3 percent were 65 years old and over.

The data for virtually all states point to faster growth of nonfamily households (one person or unrelated people in the same household) than for families, increases in smaller household size, and more families maintained by women with no husband present. These trends reflect a greater tendency of people to live alone, delay marriage, separate and divorce. While families still make up 73 percent of all households, this figure has decreased from almost 90 percent shown in the 1970 Census. The data also reveal variations in the composition of families among different race and Spanish origin groups.

NEW JERSEY POPULATION TRENDS

Overview

With the results of the 1980 Census of Population and Housing, New Jersey tabulated seven million plus inhabitants making it the ninth most populous state in the nation. With the highest density in the nation at 983.0 persons per square mile as of April 1, 1980, it had fifteen times the density of the United States and almost three times that of the Middle Atlantic region. Already, the most densely populated state in the nation, New Jersey has passed the 1,000 - person per square mile level (with a population density of 1,027.4 persons per square mile as of July 1, 1987). Rhode Island was a distant second at 934.6 persons per square mile as of July 1, 1987. State population density figures, while correctly stating the population to land ratio do not, however, reflect the whole picture. Density is not uniform within the State. It varies considerably from county to county and from municipality to municipality.

The southern counties of New Jersey (Salem and Cumberland), as well as those in the northwest (Hunterdon, Sussex, and Warren), have population densities under three hundred per square mile. These densities contrast markedly to the counties of Hudson and Essex which have upward of twelve and seven thousand persons per square mile respectively. It is in the State's northern area where the four largest cities are located and where the concentration of population is the greatest.

NEW JERSEY POPULATION
1970-1987

April 1, 1970	(Census)	7,171,112
July 1, 1971	(Revised)	7,273,000
July 1, 1972	(Revised)	7,322,000
July 1, 1973	(Revised)	7,316,000
July 1, 1974	(Revised)	7,312,000
July 1, 1975	(Revised)	7,313,000
July 1, 1976	(Revised)	7,312,000
July 1, 1977	(Revised)	7,306,000
July 1, 1978	(Revised)	7,316,000
July 1, 1979	(Provisional)	7,332,000
April 1, 1980	(Census)	7,365,011
July 1, 1981	(Revised)	7,408,000
July 1, 1982	(Revised)	7,430,000
July 1, 1983	(Revised)	7,468,000
July 1, 1984	(Revised)	7,511,000
July 1, 1985	(Revised)	7,561,000
July 1, 1986	(Revised)	7,625,000
July 1, 1987	(Provisional)	7,672,000

Source: Division of Labor Market and Demographic Research, New Jersey Department of Labor.

Growth Trends

During the decades of the 1950s and 1960s the State's population expanded rapidly, growing at an average annual rate of 2.3% from 1950 to 1960 and 1.7% from 1960 to 1970 compared to the national rates of 1.8% and 1.3%. The State's population "boom" came at the time when the Middle Atlantic states were experiencing far slower growth rates. The trend reversed, however, and has gripped the State since 1973. Population decreased during the 1973-1977 period. The average annual increase was only 0.2% for the decade compared with 0.9% for the United States. The net change for New Jersey between the Census period 1970-1980 indicated a 2.5% overall increase while the nation as a whole increased by 11.4%.

Source of Change

The population growth consists of two major components. The first is classified as Natural Increase and comprises births minus deaths. The second is termed Net Migration which is an inward movement of new residents minus outward movement. It is interesting to see how New Jersey's growth patterns relate to Natural Increase almost paralleling that of the United States, while net migration occurred from the north and central regions of the country to the warmer southern and southwestern regions.

A review of the State's birth rate shows that historically New Jersey had a lower birth rate than the United States. Birth rates have declined substantially in the past thirty years both nationally and in New Jersey. New Jersey's death rate was also slightly higher than the national average during the 1950s and early 1960s, but since the mid sixties the crude death rates have been similar. In 1987, New Jersey's death rate was higher than the national rate. The leading cause of death in both New Jersey and the nation as a whole continues to be heart disease, which in 1987 claimed 351.0 persons per 100,000 residents. Cancer, the second leading cause of death, accounted for 223.2 deaths per 100,000 New Jersey residents.

Net Natural Increase

With Net Natural Increase as the major component of population growth it is logical that births and deaths should have a strong influence on future growth and growth patterns within New Jersey. Nationally, as well as in the State, the net natural rate of increase has been falling since birth rates have declined faster than death rates. Moreover, New Jersey's net natural rate of increase has been below the national average for the past three decades because of a lower birth rate and a similar or higher death rate. From 1970 through 1984, for instance, New Jersey's annual net natural increase averaged about 0.47% compared to .98% for the United States. Nationally, however, the birth history showed a decrease from 1980 to 1984; the national rate moved from 15.9 to 15.8. The death rate in the U.S. was 8.8 deaths per 1,000 population in 1980 and 8.7 deaths per 1,000 population in 1986 and 1987. In New Jersey the birth rate rose from 13.1 per 1,000 population in 1980 to 14.8 per 1,000 population in 1987 while the death rate was the same in both years, 9.3 per 1,000 population.

Migration Rate

The other factor influencing population growth, Net Migration, showed a movement from New York and Pennsylvania to New Jersey's growing suburbs during the 1950s and 1960s. New Jersey's average annual net migration rate of 1.13% for 1950-1960 was nearly seven times the nation's 0.17% average annual rate. The State's 1960-1970 annual rate of .78%, likewise, was considerably higher than the national annual average, which remained at 0.17%. This influx of population explains most of New Jersey's rapid growth from 1950 to 1970.

New Jersey's in-migration slowed in the seventies, especially during the recession periods of 1970 and 1974/75. In fact, more people left the State than entered with an average net migration rate of about 0.2% annually compared to a national gain of 0.2%. This reversal in the State's net migration trend explains to a degree the slowing and the decline that has taken place within the State in the late seventies. A slowed rate of out-migration was confirmed by the 1980 Census. New Jersey's net in-migration rate was 0.3%. While this 0.3% is lower than the national rate of 1.0% for the same time period, it is a marked reversal from the net out-migration New Jersey was experiencing in the 1970s.

Intrastate Differences

The total New Jersey population increased by only 4.2% between 1980 and 1987. In 1987, births outnumbered deaths by 41,506. Internal shifts were similar as in past years and not unlike demographic trends found nationwide. Older cities continued to lose not only their manufacturing base but their residents who moved to the suburbs. Suburbia remained relatively stable in density of settlement, but continued to move outward with a greater radius from center cities as new "exurbs" grew. In relatively rural counties of southern New Jersey, especially near the shore, large retirement communities were established.

Among the State's six largest cities (Newark, Jersey City, Paterson, Elizabeth, Trenton and Camden) only Paterson experienced an increase (0.2%) between 1980 and 1987. The decrease among the other five ranged from -0.3% for Elizabeth to -4.3% for Newark. Between 1970 and 1980 the counties with the greatest population decrease of 7 to 990 were three urban counties, Essex, Hudson and Union. With its new gambling casinos Atlantic City is showing some reversal of its former economic decline. Although employment has increased, total resident population has decreased by 11.9% since 1980.

The most notable population changes in this State in the decade between 1970 and 1980 were the growth of four relatively rural counties. Hunterdon's population increased by 25%; Cape May's by 38%; Sussex by 50%; and Ocean County by 66%. Three of these four counties (Hunterdon, Cape May and Sussex) were among the five counties with the least population in the State in both 1970 and 1980. In two of these counties, Cape May and Ocean, growth can be attributed to a large increase in retirement communities. In Hunterdon, the age structure of the population in 1980 was very similar to the State as a whole. In Sussex, the age structure shows a larger number of younger families. The age structure in each of the counties and in the State is presented in Table 3.

Since 1980, Ocean County is estimated to have grown by the largest amount: approximately 57,000 persons, an average of 2.4% per year. Cape May had the second highest rate between 1980 and 1987 which is reflected in a 2.1% average annual increase. This rate is greater than half of its annual growth rate for the period 1970-80. By contrast, four of the largest counties in the State, Bergen, Essex, Hudson, and Union are the only ones that have declined in numbers.

Racial Composition

As in the past, the racial composition of the New Jersey population resembles closely that of the United States. The 1960 Census data reported 91.3% of New Jersey's population was white compared to 88.6% for the United States. By 1980 the white population represented 83.2%. New Jersey's black population increased from 8.5% to 16.8% of the population over the past twenty-years from 1960 to 1980. In the nation the increase for the same period was from 10.5% to 11.7%.

Age Distribution

The State's population is slightly "older" than the nation as a whole. The age distribution of the State's population has changed markedly over the years. The decline of the birth rate and the decreasing death rate have decreased the percentage of "future workers" in the population, while enlarging the top end of the age structure. In 1960, 29.0% of New Jersey's population was under fifteen years of age, but by 1970 this group accounted for only 27.8% of the population. By 1980 those under 15 represented 21.4%, and by 1984 those under 15 years of age represented 20.2%. The disparity increases for the portion of the population under ten. In 1960, 20.3% of the population was ten and under with only 17.9% in 1970, 13.2% in 1980, and 12.8% in 1984. At the upper end of the age distribution, the share of population 65 and over has increased from 9.1% in 1960 to 9.7 in 1970. The 1980 census shows a further increase to 11.7%, and in 1987 persons over age 64 represented 13.0%. The New Jersey trends parallel those of the United States as a whole and could have serious implications in the next ten to twenty years as a declining working-age population will have to support an increasing number of elderly people. The impact on our medical establishment will be profound as well.

Marriage and Divorce

During the seventies marriages decreased with the exception of 1972 and 1973 which gave an indication of an upturn that did not materialize until later. The bottom was reached in 1977, and since then an upturn has occurred. Marriage rates have increased in recent years even though women have increasingly chosen careers over marriage or postponed marriage to establish a career. Nationally, marriage rates have decreased from their peak at 11.1 per 1,000 population in 1950 to 10.8 in 1980. The State's marriage rate which was a low 6.5 in 1959 rose to 7.6 in 1980 and reached 8.3 in 1983 and 1984. In 1985 the marriage rate in New Jersey declined to 8.1 and remained there during 1986. However, in 1987 the rate dipped to 7.9. Divorce rates have increased significantly in both New Jersey and the nation during the past thirty years. New Jersey's 1987 rate of 3.5 divorces per 1,000 population was down slightly from the 1986 rate of 3.6.

1987 POPULATION

Overview

As of July 1, 1987, New Jersey's population was estimated at 7,672,524 -- up by 307,513 or 4.2% from the census count on April 1, 1980. Although substantially less than the U.S. gain of 6.4%, New Jersey outpaced the other seven most populous states in the Northeast and North Central Regions, including New York and Pennsylvania.

New Jersey's Comparative Growth

Although New Jersey's annual rate of population increase since 1980 (0.58% per year) was less than half of the national gain (1.08% per year), state growth was about twice the increase shown in New York. Pennsylvania showed virtually no change at all. Of the eight largest states (over 5 million) in the Northeastern and North Central Regions, not only did New Jersey lead in the percent increase, but it was second only to New York in absolute growth since 1980.

A primary reason for New Jersey's growth was its positive net migration; that is, seventy-four thousand more people moved into New Jersey than moved out from 1980 to 1987. New Jersey was the only state among the "Top Eight" in the Northeast and North Central Regions with this distinction.

TABLE - 1

POPULATION BY AGE AND SEX
UNITED STATES, NEW JERSEY, NEW YORK, AND PENNSYLVANIA
APRIL 1, 1980

	United States	New Jersey	New York	Pennsylvania
TOTAL	226,504,825	7,364,158	17,557,288	11,866,728
Under 5 years	16,344,407	463,127	1,135,687	747,876
5-9 years	16,697,134	508,526	1,184,687	805,285
10-14 years	18,240,919	605,695	1,406,378	932,218
15-19 years	21,161,667	670,705	1,598,252	1,080,866
20-24 years	21,312,557	614,774	1,519,964	1,059,965
25-29 years	19,517,672	574,046	1,428,314	945,416
30-34 years	17,557,957	563,735	1,351,997	848,098
35-39 years	13,963,008	479,715	1,106,790	682,546
40-44 years	11,668,239	400,048	936,291	591,892
45-49 years	11,088,383	393,967	911,387	600,348
50-54 years	11,708,984	432,607	996,676	695,815
55-59 years	11,614,054	430,087	979,223	712,181
60-64 years	10,085,711	367,444	841,084	633,115
65 years and over	25,544,133	859,682	2,160,558	1,531,107
Median Age	30.0	32.2	31.9	32.1
Males	110,032,295	3,532,719	8,338,961	5,683,985
Females	116,472,530	3,831,439	9,218,327	6,182,743

Source: Bureau of the Census, U.S. Department of Commerce, 1980 Census of Population, Supplementary Reports "Age, Sex, Race, and Spanish Origin of the Population by Regions, Division, and States: 1980," PC80-S1-1, U.S. Government Printing Office, Washington, D.C., Issued May 1981.

TABLE-2

NEW JERSEY
POPULATION BY COUNTY, BY SEX, BY RACE, BY AGE
APRIL 1, 1980 CENSUS

			FEMALE				
County	Total	Male	Total	White	Nonwhite	15-44 yrs.	19 yrs. & under
STATE TOTAL	7,364,823	3,533,012	3,831,811	3,177,848	653,963	1,687,457	1,101,412
Atlantic County	194,119	91,163	102,956	81,420	21,536	41,823	28,154
Bergen County	845,385	405,372	440,013	408,412	31,601	187,658	110,347
Burlington County	362,542	181,636	180,906	154,006	26,900	96,051	58,670
Camden County	471,650	225,202	246,448	199,366	47,082	109,580	75,312
Cape May County	82,266	39,503	42,763	39,570	3,193	15,465	10,603
Cumberland County	132,866	63,026	69,840	54,791	15,049	29,987	22,168
Essex County	851,116	396,667	454,449	255,005	199,444	200,409	133,734
Gloucester County	199,917	97,367	102,550	92,180	10,370	47,752	33,527
Hudson County	556,972	263,475	293,497	223,769	69,728	126,782	80,669
Hunterdon County	87,361	43,505	43,856	42,961	895	20,670	13,746
Mercer County	307,863	146,981	160,882	126,305	34,577	72,795	45,409
Middlesex County	595,893	292,433	303,460	272,337	31,123	145,099	88,157
Monmouth County	503,173	241,857	261,316	232,736	28,580	113,972	78,599
Morris County	407,630	198,804	208,826	198,854	9,972	98,785	63,255
Ocean County	346,038	164,046	181,992	174,710	7,282	67,259	49,062
Passaic County	447,585	212,631	234,954	184,808	50,146	103,425	68,372
Salem County	64,676	31,463	33,213	27,648	5,565	14,156	10,318
Somerset County	203,129	99,671	103,458	96,088	7,370	47,635	29,677
Sussex County	116,119	57,371	58,748	57,967	781	28,080	19,724
Union County	504,094	240,278	263,816	211,919	51,897	110,951	68,779
Warren County	84,429	40,561	43,868	42,996	872	19,123	13,130

TABLE-3

NEW JERSEY
POPULATION BY COUNTY BY AGE GROUP
APRIL 1, 1980 CENSUS

County	Total	AGE GROUP						
		Under 15	15-19	20-24	25-34	35-44	45-64	65+
STATE TOTAL	7,364,823	1,577,577	670,665	614,828	1,137,893	879,823	1,624,266	859,771
Atlantic County	194,119	40,813	16,833	16,218	28,404	19,967	41,097	30,787
Bergen County	845,385	153,396	72,513	67,559	124,489	103,422	218,730	105,276
Burlington County	362,542	84,478	38,485	33,556	59,925	45,770	71,646	28,682
Camden County	471,650	110,187	43,253	40,359	75,038	53,180	100,401	49,232
Cape May County	82,266	15,264	6,748	6,328	10,936	7,611	18,646	16,733
Cumberland County	132,866	32,353	12,603	10,448	19,890	14,857	27,199	15,516
Essex County	851,116	192,277	77,307	71,267	130,090	99,172	182,242	98,761
Gloucester County	199,917	48,645	19,585	18,042	32,860	23,395	39,667	17,723
Hudson County	556,972	116,069	48,168	49,889	86,991	61,908	124,015	69,932
Hunterdon County	87,361	20,051	8,522	5,859	13,871	13,307	17,647	8,104
Mercer County	307,863	62,353	29,346	29,583	48,284	35,639	67,458	35,200
Middlesex County	595,893	120,970	59,639	60,704	97,741	70,936	133,171	52,732
Monmouth County	503,173	113,584	46,953	37,489	75,222	64,341	106,048	59,536
Morris County	407,630	90,933	38,533	31,268	65,572	58,845	86,683	35,796
Ocean County	346,038	74,562	25,858	21,440	49,528	35,680	67,161	71,809
Passaic County	447,585	98,336	40,194	38,850	69,046	51,572	96,446	53,141
Salem County	64,676	15,272	6,030	4,918	9,673	7,292	13,953	7,538
Somerset County	203,129	41,748	19,219	15,955	31,626	27,578	48,721	18,282
Sussex County	116,119	30,594	9,863	7,533	22,097	16,545	19,352	10,135
Union County	504,094	96,608	43,528	41,027	73,289	58,679	126,296	64,667
Warren County	84,429	19,084	7,485	6,536	13,321	10,127	17,687	10,189

TABLE-4

ESTIMATES OF RESIDENT POPULATION, NEW JERSEY COUNTIES*

COUNTY	CENSUS, APRIL 1, 1980	REVISED ESTIMATE, JULY 1, 1986	PROVISIONAL ESTIMATE, JULY 1, 1987
STATE TOTAL	7,365,011	7,625,000	7,672,000
Atlantic County	194,119	206,500	208,500
Bergen County	845,385	837,000	830,400
Burlington County	362,542	382,600	388,000
Camden County	471,650	493,400	496,300
Cape May County	82,266	92,200	94,200
Cumberland County	132,866	137,000	137,600
Essex County	851,304	844,800	844,500
Gloucester County	199,917	210,600	213,000
Hudson County	556,972	553,200	547,200
Hunterdon County	87,361	96,500	98,900
Mercer County	307,863	322,500	327,100
Middlesex County	595,893	636,700	645,700
Monmouth County	503,173	542,600	553,600
Morris County	407,630	418,600	419,400
Ocean County	346,038	393,300	403,000
Passaic County	447,585	462,800	463,700
Salem County	64,676	65,400	65,400
Somerset County	203,129	215,300	221,600
Sussex County	116,119	122,700	124,300
Union County	504,094	504,800	502,500
Warren County	84,429	86,500	87,200

* State estimates are shown to the nearest thousand persons, and county estimates to the nearest hundred persons.

SOURCE: Division of Labor Market and Demographic Research, Department of Labor.

TABLE-5

COMPONENTS OF CHANGE IN RESIDENT POPULATION, BY COUNTY: APRIL 1, 1980 TO JULY 1, 1987*

New Jersey Counties	Total Population 1980 Census	1987 Estimate	Change, 1980-1987 Number	Pct.	Components of Change Births	Deaths	Net Migration
STATE TOTAL	7,365,011	7,672,000	307,000	4.17	734,000	501,000	74,000
Atlantic	194,119	208,500	14,400	7.43	21,500	17,500	10,400
Bergen	845,385	830,400	-14,900	-1.77	64,800	56,400	-23,400
Burlington	362,542	388,000	25,500	7.02	38,400	19,000	6,100
Camden	471,650	496,300	24,700	5.23	56,300	31,500	-100
Cape May	82,266	94,200	11,900	14.46	8,600	8,600	11,900
Cumberland	132,866	137,600	4,700	3.54	15,100	9,500	-900
Essex	851,304	844,500	-6,800	-0.79	87,600	59,900	-34,500
Gloucester	199,917	213,000	13,100	6.57	22,400	11,800	2,500
Hudson	556,972	547,200	-9,800	-1.76	60,000	42,200	-27,600
Hunterdon	87,361	98,900	11,600	13.23	8,600	4,700	7,700
Mercer	307,863	327,100	19,300	6.26	30,900	20,800	9,200
Middlesex	595,893	645,700	49,800	8.36	57,700	34,200	26,300
Monmouth	503,173	553,600	50,400	10.03	49,200	35,500	36,800
Morris	407,630	419,400	11,800	2.90	36,500	20,900	-3,800
Ocean	346,038	403,000	57,000	16.46	35,000	35,000	57,000
Passaic	447,585	463,000	16,200	3.61	49,600	30,700	-2,800
Salem	64,676	65,400	700	1.08	6,500	4,500	-1,300
Somerset	203,129	221,600	18,500	9.11	18,500	11,000	11,000
Sussex	116,119	124,000	8,200	7.06	13,300	6,000	900
Union	504,094	502,500	-1,600	-0.32	45,300	35,700	-11,300
Warren	84,429	87,200	2,800	3.31	8,600	5,900	100

* The 1987 population is the Provisional estimate, as of July 1. Population change, and estimates of the components of change, have been rounded to the nearest thousand persons for the State, and to the nearest hundred for the counties. Components of change may not add precisely to total change due to the rounding.

SOURCE: Division of Labor Market and Demographic Research, Department of Labor.

TABLE-6

POPULATION ESTIMATES FOR COUNTIES AND SELECTED PLACES
NEW JERSEY: 1987

Place of Residence	Federal Census April 1, 1980	Revised Population Estimates July 1, 1986	Provisional Population Estimates July 1, 1987
STATE TOTAL	7,365,011	7,625,168	7,672,524
ATLANTIC COUNTY	194,119	206,457	208,542
Atlantic City	40,199	36,070	35,431
BERGEN COUNTY	845,385	837,022	830,467
BURLINGTON COUNTY	362,542	382,599	388,129
CAMDEN COUNTY	471,650	493,372	496,318
Camden City	84,910	82,346	81,675
Cherry Hill Twp.	68,785	72,632	73,655
Gloucester Twp.	45,156	50,770	51,647
CAPE MAY COUNTY	82,266	92,186	94,160
CUMBERLAND COUNTY	132,866	137,017	137,571
Vineland City	53,753	54,329	54,497
ESSEX COUNTY	851,304	844,827	844,545
Bloomfield	47,792	47,925	47,988
East Orange	77,878	77,379	77,140
Irvington	61,493	62,443	62,251
Newark	329,248	316,849	315,196
GLOUCESTER COUNTY	199,917	210,647	213,043
HUDSON COUNTY	556,972	553,242	547,196
Bayonne	65,047	63,098	61,839
Hoboken	42,460	41,794	41,698
Jersey City	223,532	218,577	217,251
North Bergen Twp.	47,019	47,461	46,692
Union City	55,593	55,982	54,913
HUNTERDON COUNTY	87,361	96,469	98,914
MERCER COUNTY	307,863	322,480	327,123
Hamilton Twp.	82,801	87,580	87,106
Trenton	92,124	91,383	90,646
MIDDLESEX COUNTY	595,893	636,729	645,709
Edison Twp.	70,193	81,850	84,159
New Brunswick	41,442	39,953	39,568
Old Bridge Twp.	51,515	55,767	56,622
Piscataway Twp.	42,223	43,849	44,059
Woodbridge Twp.	90,074	93,192	94,007
MONMOUTH COUNTY	503,173	542,572	553,618
Middletown Twp.	62,574	69,424	69,626
MORRIS COUNTY	407,630	418,589	419,438
Parsippany-Troy Hills	49,868	49,184	48,679
OCEAN COUNTY	346,038	393,330	402,998
Brick Twp.	53,629	60,836	61,958
Dover Twp.	64,455	71,456	72,547
PASSIC COUNTY	447,585	462,845	463,736
Clifton	74,388	76,850	76,491
Passaic City	52,463	54,061	53,857
Paterson	137,970	139,101	138,200
Wayne Twp.	46,474	49,679	51,145
SALEM COUNTY	64,676	65,427	65,371
SOMERSET COUNTY	203,129	215,297	221,628
SUSSEX COUNTY	116,119	122,696	124,323
UNION COUNTY	504,094	504,819	502,468
Elizabeth	106,201	106,625	105,876
Plainfield	45,555	45,897	45,621
Union Twp.	50,184	50,897	50,943
WARREN COUNTY	84,429	86,546	87,227

NOTE: Population from the Division of Labor Market and Demographic Research, Department of Labor.

TABLE-7

RESIDENT POPULATION 65 AND OLDER NEW JERSEY COUNTIES: 1986-1987

NEW JERSEY COUNTIES	CENSUS 4/1/80	ESTIMATED AS OF JULY 1*	
		1986 (R)	1987 (P)
STATE TOTAL	859,711	976,000	994,000
Atlantic County	30,787	30,700	31,500
Bergen County	105,276	119,300	120,700
Burlington County	28,682	36,400	38,000
Camden County	49,232	57,400	58,800
Cape May County	16,733	18,400	18,700
Cumberland County	15,516	17,300	17,800
Essex County	98,761	99,800	100,200
Gloucester County	17,723	21,800	22,600
Hudson County	69,932	71,200	71,400
Hunterdon County	8,104	9,200	9,500
Mercer County	35,200	40,500	41,500
Middlesex County	52,732	66,700	71,100
Monmouth County	59,536	68,600	70,200
Morris County	35,796	41,400	42,400
Ocean County	71,809	90,300	92,400
Passaic County	53,141	57,500	58,100
Salem County	7,538	8,700	8,900
Somerset County	18,282	22,900	23,600
Sussex County	10,135	11,700	11,900
Union County	64,667	71,800	72,600
Warren County	10,189	11,900	12,100

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* State estimates are shown to the nearest thousand persons, and county estimates to the nearest hundred persons.

The estimate for 1987 is provisional (P). The estimates for 1986 is revised (R) from last years.

SOURCE: Division of Labor Market and Demographic Research, Department of Labor.

New Jersey Population Estimates by County, Age, Sex, Race 1987

These estimates should be used only for statistical purposes as applied to health data.

NOTE: These age, sex, and race levels were developed using the provisional Official State Estimates for July 1, 1987 which were released by the Department of Labor in October, 1988. The age, sex, and race levels contained in this report are not official estimates and are intended for statistical use by health professionals in computation of morbidity and mortality rates by age, sex, and race characteristics and in projecting ranges of "need".

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DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

TAB-L
POPULATION ESTIMATES BY COUNTY,
AGE, SEX, RACE

New Jersey Population
Age, Sex and Race
1987

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NOTES ON DATA AND ESTIMATING METHOD
ESTIMATES BY AGE, SEX, AND RACE

The age, sex, and race estimates in this report were developed for Health Statistics Purposes Only. While these estimates are considered crude, they represent the only age, sex, and race data available for July 1, 1987. Using county controls, these estimates were generated through the Department of Labor's "Official State July 1, 1987 Population Estimates."[1] which include values for total population by county and residents aged 5 years and under, 5 through 17, 18 through 64, and 65 and over. These estimates are provisional, not official.

To generate the age, sex, and race proportionate shares for New Jersey and its 21 counties, linear interpolation was performed between the 1982 estimate values released by Richard Irwin at the U.S. Bureau of the Census, and the 1990 Population Projections information developed from ODEA Economic - Demographic Model prepared by the Department of Labor in November, 1985.[2] These 1990 population projections did not present age, sex, and race information for Cape May, Hunterdon, Sussex, and Warren Counties because of small values, especially for the nonwhite population. To generate values included herein for Cape May, Hunterdon, Sussex, and Warren Counties, the Department of Labor provided the Health Department, with the unpublished projections of race and sex, with the understanding that the projection not be released, but reserved for internal use only.

While these estimates attempt to account for births, deaths, aging, and migration factors in the population through the use of linear interpolation between 1982 estimates and 1990 projections (as described above) and statistical control to 1987 provisional county estimates, they are only very crude estimates. They are, however, the only data available in the absence of any hard indicators of the population age distributions by race and sex that could be more accurately ascertained through use of administrative records (i.e., Medicare, school enrollment, driver's license registration, taxation, etc.). These crude estimates were generated and are intended for use only by health professionals for statistical purposes, such as computation of morbidity and mortality rates and health planning modelling of "need" for health care services by age, sex, and race at the county level.

Users should be aware that the 1987 county base population level used to generate these data may not agree with individual breakdowns and that county values may not add to state values because of rounding.

Footnotes:

[1] Provisional Population Estimates for New Jersey - July 1, 1987. (Official State Estimates) N.J. Department of Labor, Office of Demographic and Economic Analysis - October, 1987.

[2] New Jersey Revised Total and Age and Sex Population Projections for July 1, 1990. New Jersey Department of Labor, Office of Demographic and Economic Analysis - November, 1985.

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

NEW JERSEY 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	513027	202227	192019	394246	60150	58631	118781	262377	250650
5-9	480645	191796	182691	374487	53864	52294	106158	245660	234985
10-14	512974	205021	195217	400238	56848	55887	112735	261870	251104
15-19	564299	227114	218340	445454	58179	60665	118844	285293	279005
20-24	612492	246874	243881	490755	56076	65660	121736	302950	309541
25-29	642244	260677	254167	514844	58515	68885	127400	319192	323052
30-34	638688	263435	257362	520797	52775	65116	117891	316210	322477
35-39	590490	242111	242438	484549	47883	58058	105941	289993	300497
40-44	522356	209320	220246	429566	42806	49985	92791	252125	270231
45-49	439246	176791	188472	365263	34535	39448	73983	211326	227920
50-54	391842	160011	171949	331960	27976	31906	59882	187987	203855
55-59	386377	160060	176312	336372	22647	27358	50005	182707	203670
60-64	382330	158165	181923	340088	18566	23675	42241	176731	205599
65-69	335465	132726	169589	302315	13929	19221	33150	146655	188810
70-74	262697	98828	140461	239289	9261	14147	23408	108089	154608
75-79	188500	63904	108768	172672	5878	9950	15828	69782	118718
80-84	115155	34394	72368	106762	2781	5612	8393	37175	77980
85+	92129	22208	63235	85443	1828	4858	6686	24036	68093
All ages	7672000	3055664	3279439	6335103	624496	711357	1335853	3680160	3990796

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

ATLANTIC 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	13995	5306	5026	10332	1854	1810	3664	7160	6835
5-9	12496	4963	4641	9604	1441	1450	2891	6404	6092
10-14	13355	5296	4917	10213	1554	1589	3143	6849	6506
15-19	14517	5648	5362	11010	1742	1765	3507	7390	7126
20-24	15904	6298	6277	12575	1557	1772	3329	7855	8049
25-29	18193	7844	7023	14867	1438	1889	3327	9282	8911
30-34	19860	9187	7714	16901	1232	1727	2959	10419	9441
35-39	15685	6963	6287	13250	1034	1401	2435	7997	7688
40-44	12756	5278	5341	10619	869	1269	2138	6147	6609
45-49	10287	4016	4353	8369	830	1088	1918	4846	5442
50-54	9514	3642	4082	7724	757	1032	1790	4399	5115
55-59	9824	3792	4312	8104	716	1004	1720	4508	5316
60-64	10690	4034	4899	8933	715	1042	1757	4749	5941
65-69	9823	3604	4790	8394	562	868	1430	4166	5658
70-74	7733	2631	4011	6642	381	710	1091	3012	4721
75-79	6280	1982	3408	5390	320	570	890	2302	3977
80-84	4132	1176	2378	3554	190	388	578	1366	2766
85+	3523	829	2176	3005	159	359	518	988	2535
All ages	208500	82489	86998	169487	17350	21731	39081	99840	108728

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

BERGEN 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	45701	20358	19341	39699	3021	2981	6002	23378	22322
5-9	43657	19158	18236	37394	3216	3046	6262	22375	21282
10-14	48666	21230	20131	41361	3738	3568	7306	24967	23699
15-19	53250	23665	22607	46272	3413	3565	6978	27078	26172
20-24	60802	27359	26809	54168	3035	3599	6634	30394	30408
25-29	66526	29849	28796	58645	3682	4199	7881	33532	32995
30-34	67195	29849	29396	59245	3683	4267	7950	33532	33663
35-39	65126	27848	27862	55710	4486	4930	9416	32334	32792
40-44	60026	24192	26227	50419	4923	4684	9607	29115	30911
45-49	52257	21390	23836	45226	3697	3333	7030	25088	27169
50-54	48751	20762	23120	43882	2525	2344	4869	23287	25465
55-59	49008	21663	24141	45804	1587	1618	3205	23250	25759
60-64	48748	21647	24703	46350	1090	1307	2397	22737	26010
65-69	42131	17970	22238	40208	848	1075	1923	18818	23313
70-74	32275	12815	18080	30895	572	807	1379	13387	18888
75-79	22355	7961	13524	21485	308	562	870	8269	14086
80-84	13403	4120	8859	12979	143	282	425	4262	9141
85+	10541	2612	7630	10242	78	221	299	2690	7851
All ages	830400	354447	385538	739985	44045	46388	90433	398492	431926

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

BURLINGTON 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	27500	11467	10930	22397	2601	2502	5103	14067	13433
5-9	25692	10714	10169	20883	2454	2354	4808	13168	12524
10-14	27422	11149	10784	21933	2831	2658	5489	13980	13442
15-19	31426	13182	11190	24372	3952	3101	7053	17134	14291
20-24	32059	12033	12263	24296	4492	3270	7763	16525	15533
25-29	32546	11948	13824	25772	3296	3478	6774	15244	17302
30-34	34054	14781	13669	28450	2447	3157	5604	17228	16826
35-39	32025	14055	12755	26810	2462	2754	5216	16516	15509
40-44	28193	11871	11413	23284	2468	2441	4909	14339	13854
45-49	23083	9695	9298	18993	2064	2026	4090	11760	11324
50-54	19798	8147	8192	16339	1801	1658	3459	9948	9850
55-59	18841	7835	8139	15974	1466	1401	2867	9301	9540
60-64	17366	7248	8087	15335	1037	994	2031	8285	9081
65-69	14013	5828	6976	12804	584	626	1210	6411	7601
70-74	9932	3986	5245	9231	305	396	701	4291	5641
75-79	6543	2342	3786	6128	167	249	416	2509	4034
80-84	4017	1214	2575	3789	72	157	229	1286	2731
85+	3480	795	2503	3298	36	147	183	831	2649
All ages	388000	158287	161797	320084	34537	33369	67906	192824	195166

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

CAMDEN 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	38895	14746	13982	28728	5155	5012	10167	19901	18994
5-9	35947	13658	13019	26677	4715	4555	9270	18373	17574
10-14	36167	13788	13237	27025	4640	4501	9141	18429	17738
15-19	36292	14083	13766	27849	4172	4272	8444	18255	18038
20-24	38753	15043	15457	30500	3679	4574	8253	18722	20031
25-29	42976	17163	16638	33801	4080	5095	9175	21243	21733
30-34	43213	17487	16700	34187	3930	5095	9025	21417	21795
35-39	38221	15164	15310	30474	3536	4210	7746	18700	19521
40-44	32206	12473	13449	25922	2841	3442	6283	15315	16891
45-49	26070	10269	11017	21286	2218	2565	4783	12488	13582
50-54	23035	9086	10076	19162	1792	2082	3874	10878	12158
55-59	22953	9305	10244	19549	1560	1844	3404	10865	12088
60-64	22859	9230	10802	20032	1271	1557	2828	10501	12358
65-69	20447	7955	10071	18026	1054	1367	2421	9009	11439
70-74	16068	5849	8413	14262	737	1071	1808	6585	9483
75-79	10872	3501	6242	9743	454	675	1129	3955	6916
80-84	6452	1752	4122	5874	206	372	578	1958	4494
85+	4971	1129	3333	4462	113	395	508	1242	3728
All ages	496300	191682	205877	397559	46154	52684	98838	237835	258561

POPULATION ESTIMATES FOR COMPUTATION FOR HEALTH RATES ONLY

CAPE MAY 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	6301	2948	2829	5777	259	264	523	3207	3093
5-9	5455	2497	2457	4954	252	250	502	2749	2706
10-14	5389	2518	2387	4905	242	242	484	2760	2629
15-19	6408	3174	2708	5882	259	266	525	3433	2974
20-24	7009	3375	3178	6553	180	276	456	3555	3454
25-29	7279	3480	3361	6841	178	261	439	3657	3621
30-34	7660	3854	3396	7250	188	223	411	4041	3619
35-39	6579	3217	2977	6194	188	198	386	3405	3175
40-44	5121	2332	2422	4754	182	185	367	2514	2607
45-49	4164	1848	2011	3859	132	173	305	1980	2184
50-54	3944	1724	1969	3693	99	152	251	1823	2121
55-59	4614	2011	2326	4337	110	168	278	2121	2493
60-64	5585	2403	2956	5359	104	121	225	2507	3078
65-69	5643	2360	3056	5416	91	136	227	2451	3192
70-74	4984	2019	2762	4781	82	121	203	2100	2884
75-79	3862	1433	2258	3691	74	98	172	1506	2356
80-84	2420	826	1503	2329	26	65	91	852	1568
85+	1795	503	1216	1719	29	47	76	532	1263
All ages	94200	42519	45773	88292	2675	3243	5918	45194	49017

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

CUMBERLAND 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	9991	3816	3641	7457	1276	1258	2534	5091	4899
5-9	9654	3750	3664	7414	1098	1141	2239	4849	4805
10-14	10485	4057	3985	8042	1225	1217	2442	5283	5202
15-19	11171	4427	4289	8716	1184	1271	2455	5611	5560
20-24	11172	4217	4545	8762	1148	1263	2411	5365	5807
25-29	11636	4533	4674	9207	1283	1146	2429	5816	5820
30-34	10546	4197	4453	8650	891	1004	1895	5088	5458
35-39	9580	3820	4211	8031	687	862	1549	4507	5073
40-44	8539	3448	3840	7288	555	696	1251	4003	4536
45-49	7345	2956	3303	6259	482	604	1086	3438	3907
50-54	6624	2649	3043	5692	409	522	931	3058	3566
55-59	6456	2591	3038	5629	364	463	827	2955	3501
60-64	6574	2606	3172	5778	342	454	796	2948	3626
65-69	5929	2289	3029	5318	268	343	611	2557	3372
70-74	4645	1742	2457	4199	176	271	447	1917	2728
75-79	3455	1209	1927	3136	126	193	319	1335	2120
80-84	2126	662	1284	1946	61	119	180	723	1403
85+	1636	422	1053	1475	57	104	161	479	1157
All ages	137600	53390	59609	112999	11632	12933	24565	65022	72542

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

ESSEX 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	58395	13156	12502	25658	16569	16168	32737	29725	28670
5-9	57353	13585	12963	26548	15638	15167	30805	29223	28130
10-14	60964	14566	14006	28572	16246	16147	32393	30812	30153
15-19	65374	16255	15669	31924	16152	17297	33449	32407	32967
20-24	71921	18089	18010	36099	16059	19762	35821	34149	37772
25-29	72869	18124	17670	35794	16564	20511	37075	34688	38181
30-34	68621	17841	17875	35716	14204	18700	32904	32046	36575
35-39	61797	16175	17074	33249	12198	16350	28548	28372	33425
40-44	54603	14225	15726	29951	10691	13961	24652	24916	29687
45-49	47037	12418	14096	26514	8831	11692	20523	21249	25788
50-54	42939	11991	13430	25421	7754	9764	17518	19745	23194
55-59	42047	12434	14253	26687	6703	8657	15360	19137	22910
60-64	40370	12397	14603	27000	5749	7621	13370	18146	22224
65-69	34600	10230	13633	23863	4404	6332	10736	14634	19966
70-74	26400	7503	11114	18617	3025	4758	7783	10528	15872
75-79	18984	4797	8899	13696	1893	3396	5289	6690	12294
80-84	11185	2599	5836	8435	887	1863	2750	3486	7699
85+	9047	1756	5192	6948	565	1533	2098	2322	6725
All ages	844500	218142	242552	460694	174133	209680	383813	392275	452232

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

GLOUCESTER 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	17000	7810	7487	15297	866	837	1703	8676	8324
5-9	15124	6932	6617	13549	799	776	1575	7731	7393
10-14	15981	7313	7056	14369	815	797	1612	8128	7853
15-19	16808	7491	7571	15062	840	907	1747	8330	8478
20-24	17338	7753	8014	15767	713	859	1572	8466	8872
25-29	18869	8886	8408	17294	680	895	1575	9566	9304
30-34	18641	8496	8513	17009	732	900	1632	9228	9413
35-39	16025	7184	7453	14637	625	763	1388	7809	8216
40-44	14284	6428	6546	12974	596	715	1311	7024	7261
45-49	11489	5246	5193	10439	474	576	1050	5720	5769
50-54	9930	4395	4571	8966	436	529	965	4830	5100
55-59	9581	4236	4500	8736	383	462	845	4619	4963
60-64	9308	4021	4476	8497	354	457	811	4376	4933
65-69	8093	3336	4023	7359	329	405	734	3665	4428
70-74	6015	2288	3167	5455	233	327	560	2521	3494
75-79	4031	1371	2280	3651	142	239	381	1513	2518
80-84	2459	740	1519	2259	72	127	199	812	1646
85+	2009	440	1395	1835	62	112	174	502	1507
All ages	213000	94367	98789	193156	9148	10683	19831	103515	109471

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

HUDSON 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	38900	13962	13172	27134	5930	5836	11766	19892	19008
5-9	36118	13200	12601	25801	5154	5163	10317	18353	17764
10-14	36719	13976	13117	27093	4845	4780	9625	18821	17898
15-19	39593	15009	14519	29528	4822	5243	10065	19831	19762
20-24	44247	17267	16834	34101	4680	5466	10146	21947	22300
25-29	47218	18147	18059	36206	5423	5589	11013	23570	23648
30-34	45845	17355	17845	35200	5082	5563	10645	22437	23408
35-39	41017	15565	16130	31695	4385	4937	9322	19950	21067
40-44	34600	12869	13894	26763	3670	4166	7836	16540	18060
45-49	28872	10996	12236	23232	2677	2963	5640	13673	15199
50-54	27558	10943	12205	23148	2020	2390	4410	12963	14595
55-59	27425	11119	12768	23887	1568	1970	3538	12687	14738
60-64	27559	11033	13398	24431	1344	1785	3129	12376	15183
65-69	24602	9317	12699	22016	1028	1558	2586	10345	14257
70-74	18853	6619	10406	17025	710	1117	1827	7330	11524
75-79	13534	4288	8004	12292	433	809	1242	4721	8813
80-84	8000	2250	5123	7373	196	431	627	2447	5553
85+	6401	1471	4382	5853	136	413	549	1606	4795
All ages	547200	205387	227392	432779	54102	60180	114282	259489	287572

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

HUNTERDON 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	6801	3437	3259	6696	52	54	106	3489	3313
5-9	6164	3123	2945	6068	36	60	96	3158	3005
10-14	6685	3411	3150	6561	35	89	124	3446	3239
15-19	7989	4084	3657	7741	167	81	248	4251	3738
20-24	8212	4040	3849	7889	229	93	322	4269	3942
25-29	7385	3647	3550	7197	101	87	188	3748	3637
30-34	7695	3828	3749	7577	43	76	119	3870	3825
35-39	8573	4157	4274	8431	65	77	142	4222	4351
40-44	8572	4127	4306	8433	72	66	138	4200	4372
45-49	6908	3435	3376	6810	54	44	98	3489	3419
50-54	5419	2716	2636	5352	35	33	68	2751	2668
55-59	4884	2494	2339	4833	24	27	51	2518	2366
60-64	4122	2055	2028	4083	16	22	38	2071	2050
65-69	3292	1524	1720	3244	19	30	49	1543	1749
70-74	2469	1061	1381	2442	14	14	28	1074	1395
75-79	1764	659	1083	1742	7	16	23	666	1099
80-84	1087	343	728	1071	7	9	16	350	737
85+	889	223	653	876	2	11	13	225	664
All ages	98900	48364	48685	97049	977	886	1863	49341	49570

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

MERCER 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	19995	6758	6470	13228	3428	3339	6767	10186	9810
5-9	18959	6691	6360	13051	3010	2898	5909	9701	9258
10-14	20983	7399	7263	14662	3054	3267	6321	10453	10529
15-19	28426	10862	10578	21440	3263	3723	6986	14126	14301
20-24	30915	12453	11316	23769	3282	3864	7146	15735	15180
25-29	27757	10432	9912	20344	3551	3863	7414	13983	13774
30-34	25637	9521	9797	19318	2859	3460	6319	12380	13257
35-39	23812	9194	9541	18735	2189	2888	5077	11383	12429
40-44	21339	8458	8815	17273	1684	2381	4065	10143	11196
45-49	18022	7063	7570	14633	1457	1933	3390	8520	9503
50-54	16245	6341	6785	13126	1323	1796	3119	7664	8581
55-59	16559	6419	7169	13588	1251	1720	2971	7670	8889
60-64	17041	6646	7712	14358	1143	1540	2683	7789	9252
65-69	14441	5351	7019	12370	857	1215	2072	6208	8234
70-74	10788	3835	5656	9491	526	771	1297	4361	6427
75-79	7759	2436	4446	6882	347	530	877	2783	4976
80-84	4660	1303	2920	4223	147	292	439	1449	3211
85+	3823	845	2643	3488	101	234	335	946	2877
All ages	327100	122005	131970	253975	33473	39714	73187	155479	171684

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

MIDDLESEX 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	41167	17806	16755	34561	3370	3236	6606	21176	19991
5-9	35666	15752	14906	30658	2553	2455	5008	18305	17361
10-14	40370	17431	16277	33708	3413	3248	6661	20845	19525
15-19	51765	22148	21141	43289	4146	4331	8477	26293	25472
20-24	60267	26107	25296	51403	4050	4814	8864	30158	30109
25-29	58579	25261	24576	49837	4184	4558	8742	29445	29135
30-34	57203	23992	24204	48196	4214	4793	9007	28206	28997
35-39	51071	21219	21427	42646	4068	4356	8424	25288	25783
40-44	43903	18073	19053	37126	3336	3442	6778	21408	22495
45-49	36467	15329	16345	31674	2518	2275	4793	17847	18620
50-54	32903	14280	15237	29517	1765	1622	3387	16045	16858
55-59	32834	14600	15816	30416	1173	1244	2417	15774	17060
60-64	32380	14470	15912	30382	885	1112	1997	15356	17024
65-69	26917	11413	14040	25453	598	866	1464	12011	14906
70-74	19541	7923	10564	18487	439	615	1054	8362	11179
75-79	12440	4446	7358	11804	249	387	636	4695	7745
80-84	6890	2133	4465	6598	112	179	291	2246	4644
85+	5313	1316	3810	5126	52	135	187	1368	3945
All ages	645700	273699	287182	560881	41126	43667	84793	314825	330849

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

MORRIS 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	26401	12601	11987	24588	920	892	1812	13521	12879
5-9	25297	11952	11492	23444	948	906	1854	12900	12397
10-14	27563	13144	12470	25614	1023	926	1949	14167	13396
15-19	30579	14404	14163	28567	1002	1010	2012	15407	15172
20-24	32679	15410	15259	30669	930	1080	2010	16340	16339
25-29	36483	17631	16434	34065	1201	1218	2419	18832	17651
30-34	38487	19059	17147	36206	1089	1192	2281	20148	18339
35-39	36340	17255	16578	33833	1254	1253	2507	18509	17831
40-44	32209	14452	15420	29872	1177	1160	2337	15629	16580
45-49	28232	13013	13528	26541	878	813	1691	13891	14341
50-54	23270	10966	11169	22135	588	547	1135	11554	11716
55-59	21055	10088	10191	20279	368	409	777	10455	10600
60-64	18513	8695	9192	17887	287	339	626	8982	9532
65-69	14582	6334	7812	14146	188	248	436	6522	8060
70-74	10672	4255	6147	10402	103	167	270	4358	6314
75-79	7542	2610	4749	7359	64	119	183	2675	4868
80-84	4998	1383	3535	4918	21	60	81	1404	3595
85+	4606	975	3563	4538	10	57	67	986	3620
All ages	419400	194227	200834	395061	12051	12396	24447	206278	213230

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

MONMOUTH 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	36195	15874	15209	31083	2677	2434	5111	18551	17644
5-9	35623	15752	15104	30856	2487	2280	4767	18239	17384
10-14	38327	16910	16406	33316	2557	2454	5011	19467	18860
15-19	39075	17401	16721	34122	2388	2565	4953	19789	19286
20-24	39602	17466	17478	34944	2067	2591	4658	19533	20069
25-29	44062	19611	19540	39151	2254	2657	4912	21865	22197
30-34	45923	21030	20266	41296	2088	2540	4628	23117	22806
35-39	45018	20898	19931	40829	1854	2335	4189	22753	22265
40-44	40416	18142	18422	36564	1756	2095	3851	19899	20517
45-49	34309	15236	15704	30940	1538	1832	3370	16774	17536
50-54	29277	13034	13356	26390	1326	1560	2886	14360	14916
55-59	28000	12109	13301	25410	1158	1432	2590	13268	14732
60-64	27563	11883	13415	25298	1005	1260	2265	12888	14675
65-69	22928	9310	11890	21200	728	1000	1728	10038	12890
70-74	17936	7002	9623	16625	505	806	1311	7507	10429
75-79	13322	4598	7812	12410	347	565	912	4946	8376
80-84	8585	2526	5528	8054	192	339	531	2717	5867
85+	7420	1778	5207	6985	129	306	435	1907	5513
All ages	553600	240561	254912	495473	27056	31051	58107	267617	285962

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

OCEAN 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	26501	12847	12171	25018	751	731	1482	13598	12902
5-9	25090	12166	11581	23747	681	662	1343	12847	12243
10-14	26551	12897	12290	25187	672	693	1365	13569	12982
15-19	26981	12994	12504	25498	769	715	1484	13763	13219
20-24	27531	13228	12904	26132	689	709	1398	13917	13613
25-29	28394	13801	13315	27116	634	644	1278	14435	13959
30-34	26856	12753	13061	25814	495	547	1043	13248	13608
35-39	26662	12652	13034	25686	431	545	976	13083	13579
40-44	25114	11845	12342	24187	424	503	927	12270	12845
45-49	19502	9135	9559	18694	361	447	808	9496	10006
50-54	16149	7510	7994	15504	314	331	645	7825	8324
55-59	16245	7232	8492	15724	243	278	521	7476	8770
60-64	19024	8137	10485	18622	179	223	402	8316	10708
65-69	23786	9835	13603	23438	141	206	347	9976	13809
70-74	25237	10437	14597	25034	86	118	204	10522	14715
75-79	20958	8384	12376	20760	93	105	198	8477	12480
80-84	13427	5096	8238	13334	41	52	93	5136	8291
85+	9007	2925	6021	8946	23	37	60	2949	6058
All ages	403000	183875	204565	388440	7028	7546	14574	190903	212112

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

PASSAIC 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	32894	12818	12130	24948	3970	3976	7946	16788	16107
5-9	31261	12426	11796	24222	3538	3500	7038	15964	15297
10-14	32054	12747	12091	24838	3511	3705	7216	16258	15796
15-19	34635	13343	13227	26570	3833	4232	8065	17176	17459
20-24	38564	14984	15075	30059	3706	4798	8504	18691	19873
25-29	40303	16297	15724	32021	3587	4695	8282	19884	20419
30-34	37960	15226	15640	30866	3031	4063	7094	18257	19704
35-39	33852	13799	14264	28063	2522	3268	5790	16321	17532
40-44	29989	12020	12766	24786	2315	2887	5202	14336	15653
45-49	25561	10169	11073	21242	1969	2351	4320	12137	13424
50-54	23045	9426	10191	19617	1612	1816	3428	11038	12007
55-59	22700	9464	10515	19979	1222	1498	2720	10686	12013
60-64	22662	9407	11060	20467	927	1268	2195	10334	12328
65-69	19703	7889	10162	18051	655	997	1652	8544	11159
70-74	14891	5670	8226	13896	339	657	996	6008	8883
75-79	10903	3642	6585	10227	248	428	676	3890	7013
80-84	6830	2000	4489	6489	99	242	341	2099	4732
85+	5776	1392	4125	5517	63	196	259	1455	4321
All ages	463700	182718	199141	381859	37146	44577	81723	219864	243719

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

SALEM 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	4704	1938	1808	3746	487	470	957	2426	2278
5-9	4838	1963	1844	3807	526	506	1032	2489	2349
10-14	4985	2105	1911	4016	503	466	969	2608	2377
15-19	4885	2021	1924	3945	461	480	941	2482	2403
20-24	4561	1891	1928	3819	316	426	742	2207	2354
25-29	5016	2119	2156	4275	311	430	741	2430	2586
30-34	5011	2110	2140	4250	331	432	763	2440	2571
35-39	4793	2052	2081	4132	305	356	661	2357	2436
40-44	4281	1852	1877	3729	233	318	551	2086	2195
45-49	3561	1524	1572	3096	214	251	465	1738	1823
50-54	3278	1386	1448	2834	189	255	444	1575	1703
55-59	3224	1314	1474	2788	194	242	436	1508	1716
60-64	3255	1302	1531	2833	178	244	422	1480	1775
65-69	3031	1173	1463	2636	169	226	395	1342	1689
70-74	2349	859	1190	2049	130	169	299	989	1359
75-79	1682	587	883	1470	90	122	212	677	1005
80-84	1008	297	578	875	50	83	133	347	661
85+	841	200	536	736	36	69	105	236	605
All ages	65400	26692	28344	55036	4725	5544	10269	31417	33887

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

SOMERSET 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	13695	6112	5890	12002	859	834	1693	6971	6724
5-9	13027	5767	5528	11295	891	841	1732	6658	6370
10-14	13968	6168	5928	12096	1043	829	1872	7211	6756
15-19	14716	6792	6420	13212	745	760	1505	7536	7180
20-24	16197	7482	7200	14682	665	850	1515	8147	8050
25-29	19314	9044	8276	17320	843	1150	1993	9887	9427
30-34	21049	10097	8886	18983	933	1133	2066	11030	10019
35-39	19271	8635	8383	17018	1039	1214	2253	9675	9597
40-44	16147	6967	7307	14274	921	952	1873	7888	8259
45-49	14154	6166	6660	12826	673	655	1328	6839	7315
50-54	12893	5877	6112	11989	467	436	903	6344	6549
55-59	12400	5743	5927	11670	340	390	730	6083	6317
60-64	11272	5262	5457	10719	247	307	554	5508	5764
65-69	8488	3730	4365	8095	200	194	394	3930	4559
70-74	6112	2469	3397	5866	109	137	246	2579	3534
75-79	4127	1396	2557	3953	59	115	174	1455	2671
80-84	2589	736	1748	2484	38	67	105	773	1815
85+	2279	499	1704	2203	27	50	77	526	1754
All ages	221600	98942	101743	200685	10098	10914	21012	109040	112657

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

SUSSEX 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	10500	5325	5045	10370	63	67	130	5387	5113
5-9	9172	4654	4378	9032	68	71	139	4722	4449
10-14	9716	4950	4639	9589	73	54	127	5023	4693
15-19	10461	5176	5147	10323	89	49	138	5265	5196
20-24	10398	5187	5096	10283	68	47	115	5254	5143
25-29	8645	4328	4247	8575	41	29	70	4369	4276
30-34	9100	4361	4645	9006	38	56	94	4400	4700
35-39	11031	5265	5633	10898	58	76	134	5323	5709
40-44	10520	5162	5229	10391	64	66	130	5226	5294
45-49	7754	3961	3704	7665	45	43	88	4007	3747
50-54	5590	2844	2695	5539	27	23	50	2871	2718
55-59	4942	2467	2434	4901	24	18	42	2490	2452
60-64	4574	2220	2330	4550	14	10	24	2234	2340
65-69	3833	1741	2084	3825	3	6	9	1744	2090
70-74	3062	1291	1759	3050	5	7	12	1296	1766
75-79	2250	852	1389	2241	2	8	10	853	1396
80-84	1452	477	969	1446	2	4	6	478	973
85+	1307	320	981	1301	2	4	6	322	985
All ages	124300	60582	62404	122986	685	637	1322	61266	63040

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

UNION 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	31106	10924	10315	21239	5003	4864	9867	15927	15179
5-9	28901	10339	9790	20129	4460	4312	8772	14799	14102
10-14	31146	11061	10410	21471	4916	4760	9676	15977	15170
15-19	33633	11975	11669	23644	4866	5124	9990	16840	16793
20-24	37912	13842	13653	27495	4690	5728	10418	18532	19380
25-29	41543	15058	14536	29594	5310	6639	11949	20368	21176
30-34	41208	14931	14658	29589	5307	6312	11619	20238	20970
35-39	37351	13638	13832	27470	4506	5374	9880	18145	19206
40-44	33508	12096	12766	24862	4031	4615	8646	16127	17381
45-49	29345	10510	11571	22081	3411	3852	7263	13921	15423
50-54	27386	10203	11380	21583	2734	3070	5804	12937	14449
55-59	28282	10915	12543	23458	2244	2580	4824	13159	15123
60-64	28496	11381	13338	24719	1716	2061	3777	13097	15399
65-69	25442	9828	12695	22523	1265	1654	2919	11093	14349
70-74	19438	7150	10288	17438	837	1163	2000	7987	11451
75-79	13492	4480	7707	12187	485	820	1305	4965	8527
80-84	7962	2265	4971	7236	226	500	726	2491	5471
85+	6262	1475	4209	5684	144	435	579	1619	4643
All ages	502500	182070	200331	382401	56150	63863	120013	238220	264193

POPULATION ESTIMATES FOR COMPUTATION OF HEALTH RATES ONLY

WARREN 1987

	TOTAL	WHITE MALE	WHITE FEMALE	WHITE TOTAL	NONWHITE MALE	NONWHITE FEMALE	NONWHITE TOTAL	TOTAL MALE	TOTAL FEMALE
Under 5	6201	3126	2959	6085	60	57	117	3186	3016
5-9	5567	2809	2652	5461	54	52	106	2863	2704
10-14	5980	2994	2854	5848	60	72	132	3053	2927
15-19	6838	3060	3596	6656	90	92	182	3150	3688
20-24	6836	3309	3422	6731	38	67	105	3346	3489
25-29	6651	3258	3316	6574	43	33	76	3301	3349
30-34	6648	3179	3366	6545	46	56	102	3226	3422
35-39	6695	3221	3387	6608	36	51	87	3257	3438
40-44	6161	2999	3063	6062	42	58	100	3041	3121
45-49	4822	2365	2359	4724	47	52	99	2411	2411
50-54	4141	1983	2077	4060	32	50	82	2014	2127
55-59	4305	2050	2204	4254	24	27	51	2074	2231
60-64	4264	1961	2261	4222	20	21	41	1982	2282
65-69	3937	1686	2194	3880	23	34	57	1709	2227
70-74	3301	1335	1936	3271	6	23	29	1341	1960
75-79	2311	837	1450	2287	10	15	25	847	1465
80-84	1414	449	944	1393	4	17	21	453	962
85+	1139	273	852	1125	4	10	14	277	862
All ages	87200	40893	44893	85786	638	787	1425	41531	45680

TAB-M
HOSPITALIZATION

Hospitalization
1986

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Hospitalization
1986

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CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Hospitalization
1986

Overview

All acute care, general and specialty hospitals are required by regulation to submit patient care information to the NJ/DOH in hospital discharge abstract form annually. These data are combined and edited; incomplete or inaccurate records are returned to the hospitals for correction. Thus, processing times required to assemble these data delay the reporting of this information for up to 18 months. The results provided in this section will lag by one year other data presented in the Health Statistics report. Thirteen items from the discharge abstracts are covered below. Information about seven other items may be obtained by contacting the Center for Health Statistics. Data for two calendar years are presented for comparison purposes.

Total Discharges

During calendar year 1986, there was a total of 1,276,785 discharges of patients from licensed New Jersey hospitals. This was a slight increase of 1.5% over 1985. It should not be assumed, however, that total discharges represent only one admission per patient. Patients are sometimes readmitted because of complications that arise after discharge or because of a different illness. Of the total discharges, 1,050,723 or 82.3% represent one admission and discharge for each patient. This was a 103,707 increase (or 11.0%) over 1985. Readmissions associated with a different diagnosis numbered 153,697 cases or 12.0% of all discharges in 1986, down 35.3% from 1985. On the other hand, 5.7% or 72,365 cases in 1986 were readmissions with the same principal diagnosis - down 1.7% from the 1985 level.

Referral Source

The question has often been asked--How do patients get into a hospital (by type of referral source)? The principal method is by direct physician's referral. This represented 59.92% of all cases in 1986, compared to 56.43% for 1985. The second highest referral source was through the emergency room--32.0% for 1986 as compared to 30.1% for 1985.

Admission Class

There was significant change in composition from 1985 to 1986 in Admission Class - the circumstances under which the patient entered the hospital. Emergency and Urgent represented 51.0% - an increase of 1.3% from 1985 with Elective showing 42.9% - compared to 50.3% in 1985.

Sex

Of the total 1,276,785 discharges during 1986, 41.9% were of male patients and 58.1% of female. The ratio of female to male requiring hospitalization has always been higher for women because of maternity admissions. There was no difference between 1985 and 1986 in the ratios.

Race

Looking at patients with regard to race we find that white had the highest percentage with 74.7% and black reporting 15.2%. Hispanics were counted at 6.5%. None of the other race categories registered above the 1% level.

Age

A complete breakdown has been tabulated for each individual age. However, to give a better overview an age cohort grouping for 5-year intervals was made for comparison purposes. A review of the ages based on five year groups indicates that the 5 and under group, which includes infants, presents the highest percentages (12.3%). Table 1 exhibits a slight but distinct shift toward increasing hospitalizations of older persons from 1985 to 1986, as well as the characteristic maternity use rate rise for the ages 20 through 40.

Primary Services

Of the 99 designated classifications of clinical services provided for hospitals the NJ/DOH has mapped them into 10 major primary service groupings. This mapping or grouping permits comparisons in like categories, i.e., Medicine, Surgery, etc. In comparing the 1985 data with 1986, we find a slight difference between some of the categories, but they remain at approximately the same level for all practical purposes. Consequently, changes in relative frequencies between the two periods differed by less than one percentage point. Medicine represented 44.1%; followed by Surgery, 22.1% and Obstetrics, 9.8%. Pediatrics accounted for 4.9%, Pediatrics, 7.7%, Newborn, 3.0%, Psychiatry, 1.0%, Orthopedics, 5.0%, and Dental, 0.5%.

Discharge Status

During 1986, the largest majority of patients were routinely discharged, 91.5%. Transfers to another facility or institution represented 4.4%. There were, however, 1.2% that left against medical advice. Discharge status listed as expired was reported at a level of 2.9%.

Transfer Destination

When a patient is discharged they either go home, expire, or are referred to another facility. By far the majority of patients, about 96.1%, are recorded with no transfer destination, indicating that they have gone home. This was true for 1986 which showed a slight decrease for the 1985 figure of 96.3%. Long Term Care facilities, the second highest group, represented approximately 1.5%, which was the same as in 1985, with Other Acute Care Facilities at 1.1% (14,018), an increase from the 1985 total of 12,596 or 1.0%. Likewise Home Health Agencies indicated only about one-half of a percentage (6,527) for 1986, an increase from the 1985 level of 5,667 or 15.2%.

Primary Payor

The financial health of the hospital sector is determined to a great extent by who is paying for health services. Each third party payor has a unique schedule of reimbursement--in terms of what type of care is covered, the proportion of charges covered and the speed with which reimbursement occurs. Blue Cross had the largest number of people enrolled who used hospitals in 1986 at 31.4%, with Medicare running second at 29.7%. Commercial (or private) insurance companies were third with 15.1% and Medicaid fourth with 8.8%.

Principal Causes for Hospitalization

In 1986 the four principal causes for hospitalization were single live births (102,440), delivery in a normal case (25,256), cataract (24,711), and other acute and subacute forms of ischemic heart disease (22,792). The fifth and sixth causes were heart failure (22,491) and other and unspecified after care (18,986). Acute myocardial infarction was in seventh place in 1986. Inguinal Hernia (17,278) ranked in eight position. Of the top ten principal causes for hospitalization in 1985, all made the 1986 top ten ranking.

TABLE-1
NEW JERSEY 1986 DISCHARGE ABSTRACT
STATEWIDE ABSOLUTE AND RELATIVE VALUES

	ABSOLUTE FREQUENCY	RELATIVE FREQUENCY		ABSOLUTE FREQUENCY	RELATIVE FREQUENCY
TOTAL DISCHARGES	1,276,785	100.00	AGE GROUPS	1,276,785	100.00
			Under 5	157,024	12.30
READMISSIONS			5-9	20,919	1.64
Total Discharges	1,276,785	100.00	10-14	19,793	1.55
One Admission	1,050,723	82.29	15-19	55,953	4.38
Readmission	153,697	12.04	20-24	86,363	6.76
Readmiss-Same DX1	72,365	5.67	25-29	106,079	8.31
			30-34	93,997	7.36
TOTAL PATIENT DAYS	8,167,711	100.00	35-39	73,133	5.73
Acute Care Unit Days	7,173,893	87.83	40-44	58,886	4.61
			45-49	53,459	4.19
ADMISSION CLASS	1,276,785	100.00	50-54	57,408	4.50
Emergency & Urgent	651,060	50.99	55-59	69,321	5.43
Elective	547,567	42.89	60-64	81,019	6.35
Other	78,158	6.12	65-69	86,313	6.76
			70-74	83,382	6.53
SEX	1,276,785	100.00	75-79	73,297	5.74
Male	535,085	41.91	80-84	53,222	4.17
Female	741,700	58.09	85+	47,217	3.70
RACE	1,276,785	100.00	TRANSFER DESTINATION	1,276,785	100.00
White	953,107	74.65	Other Acute Care	14,018	1.10
Black	193,577	15.16	Long Term Care	19,481	1.53
Asian	9,690	0.76	Home Health Agency	6,527	0.51
American Indian	1,149	0.09	Rehabilitation	3,368	0.26
Hispanic	83,514	6.54	Psychiatric	4,433	0.35
Other	35,748	2.80	Intermediate Care	2,612	0.20
			Other	1,226,327	96,05

TABLE-1 (Continued)

	ABSOLUTE FREQUENCY	RELATIVE FREQUENCY
PRIMARY SERVICE	1,276,729	100.00
Medicine	575,688	45.09
Surgery	281,785	22.07
Obstetrics	125,311	9.82
Gynecology	62,833	4.92
Pediatrics	98,213	7.69
Newborn	38,296	3.00
Psychiatric	23,960	1.88
Orthopedics	64,138	5.02
Dental	6,505	0.51
Invalid	0	0.0
REFERRAL SOURCE	1,276,785	100.00
Thru Emergency Room	408,609	32.00
Private Physician	765,09	59.92
Outpatient	30,255	2.37
Other Acute Care	9,325	0.73
Long Term Care	11,102	0.87
Rehabilitation	595	0.05
Home Health Agency	1,237	0.10
Intermediate Care	10	0.0
Other	50,556	3.96
PROCEDURES		
TOTAL	2,261,810	100.00
SURGICAL	1,330,571	58.83
NON-INVASIVE	931,239	41.17

	ABSOLUTE FREQUENCY	RELATIVE FREQUENCY
PRIMARY PAYER	1,276,785	100.00
Self-Pay	107,136	8.74
Blue Cross	384,812	31.40
Commercial	184,918	15.09
Workman's Comp.	20,700	1.69
Medicaid	108,166	8.83
Medicare	363,673	29.68
Title V	613	0.05
Other Government	13,570	1.11
No Charge	13,118	1.0
Other	28,654	2.34
DISCHARGE STATUS	1,276,785	100.0
Routine	1,167,875	91.47
Against Medical Advice	15,182	1.19
Transfer	56,568	4.43
Expired - No Autopsy	35,211	2.76
Expired - Autopsy	1,949	0.15

TABLE-2

NEW JERSEY 1985 DISCHARGE ABSTRACTS
STATEWIDE ABSOLUTE AND RELATIVE VALUES

	ABSOLUTE FREQUENCY	RELATIVE FREQUENCY
TOTAL DISCHARGES	1,258,083	100.00
READMISSIONS		
Total Discharges	1,258,083	100.00
One Admission	947,016	75.27
Readmission	237,459	18.87
Readmiss-Same DX1	73,608	5.86
TOTAL PATIENT DAYS	8,114,941	100.00
Acute Care Unit Days	7,294,652	89.89
ADMISSION CLASS	1,258,083	100.00
Emergency & Urgent	625,562	49.72
Elective	632,521	50.28
SEX	1,258,083	100.00
Male	526,613	41.86
Female	731,470	58.14
RACE	1,258,083	100.00
White	949,927	75.51
Black	187,710	14.92
Asian	8,453	0.67
American Indian	1,005	0.08
Hispanic	78,744	6.26
Other	32,244	2.56

	ABSOLUTE FREQUENCY	RELATIVE FREQUENCY
AGE GROUPS	1,258,083	100.00
Under 5	157,563	12.52
5-9	21,967	1.75
10-14	21,067	1.67
15-19	57,379	4.56
20-24	87,082	6.92
25-29	103,929	8.26
30-34	89,327	7.10
35-39	70,329	5.59
40-44	56,826	4.52
45-49	52,224	4.15
50-54	57,911	4.60
55-59	69,629	5.53
60-64	80,534	6.40
65-69	83,598	6.64
70-74	81,609	6.49
75-79	70,074	5.57
80-84	52,669	4.19
85+	44,366	3.53
TRANSFER DESTINATION	1,258,083	100.00
Other Acute Care	12,596	1.00
Long Term Care	18,452	1.47
Home Health Agency	5,667	0.45
Rehabilitation	2,749	0.22
Psychiatric	4,024	0.32
Intermediate Care	2,682	0.21
Other	1,211,905	96.33

TABLE-2 (Continued)

	ABSOLUTE FREQUENCY	RELATIVE FREQUENCY
PRIMARY SERVICE	1,258,083	100.00
Medicine	555,187	44.13
Surgery	273,494	21.74
Obstetrics	119,796	9.52
Gynecology	69,267	5.51
Pediatrics	104,011	8.27
Newborn	36,832	2.93
Psychiatric	24,049	1.91
Orthopedics	67,801	5.39
Dental	7,613	0.61
Invalid	33	0.00
REFERRAL SOURCE	1,258,083	100.00
Thru Emergency Room	378,717	30.10
Private Physician	709,932	56.43
Outpatient	30,192	2.40
Other Acute Care	6,214	0.49
Long Term Care	9,630	0.77
Rehabilitation	539	0.04
Home Health Agency	14,291	1.14
Other	108,568	8.63
PROCEDURES		
TOTAL	2,150,898	100.00
SURGICAL	1,288,265	59.89
NON-INVASIVE	862,633	40.11

	ABSOLUTE FREQUENCY	RELATIVE FREQUENCY
PRIMARY PAYER	1,222,621	100.00
Self-Pay	103,282	8.45
Blue Cross	398,637	32.63
Commercial	177,868	14.56
Workman's Comp.	21,639	1.77
Medicaid	115,522	9.46
Medicare	353,393	28.93
Title V	922	0.08
Other Government	12,457	1.02
No Charge	10,490	0.86
Other	27,411	2.24
DISCHARGE STATUS	1,258,083	100.00
Routine	1,158,448	92.08
Against Medical Advice	13,876	1.10
Transfer	49,536	3.94
Expired - No Autopsy	34,205	2.72
Expired - Autopsy	2,018	0.16

TABLE-3
NEW JERSEY
TOP 40 PRINCIPAL CAUSES FOR HOSPITALLIZATION
1985-1986

ICD CODE	PRINCIPAL CAUSE	TOTAL 1985	TOTAL 1986
V30	Single Liveborn	99,098	102,440
650	Delivery in a Normal Case	26,266	25,256
366	Cataract	23,612	24,711
411	Other Acute and Subacute Forms of Ischemic Heart Disease	20,877	22,792
428	Heart Failure	21,530	22,491
V58	Other and Unspecified After Care	17,891	18,986
410	Acute Myocardial Infarction	18,330	17,764
550	Inguinal Hernia	17,431	17,278
486	Pneumonia, Organism Unspecified	15,662	16,297
493	Asthma	15,628	16,201
780	General Symptoms	15,288	15,171
427	Cardiac Dysrhythmias	14,502	15,165
574	Cholelithiasis	13,828	14,370
786	Symptoms Involving Respiratory System & Chest Symptoms	14,163	13,094
558	Other Noninfectious Gastroenteritis and Colitis	12,879	11,882
414	Other Forms of Chronic Ischemic Heart Disease	10,272	11,861
250	Diabetes Melitus	11,008	11,834
626	Disorders of Menstruation & Other Abnormal Bleeding	12,195	11,270
664	Trauma to Perineum and Vulva During Delivery	10,387	10,981
600	Hyperplasia of Prostate	10,573	10,690
654	Abnormality of Organs and Soft Tissues of Pelvis	9,805	10,508
303	Alcohol Dependence Syndrome	7,406	10,484
634	Spontaneous Abortion	10,038	10,457
722	Intervertebral Disc Disorders	10,223	10,298
635	Legally Induced Abortion	11,700	10,286
850	Concussion	10,525	10,213
592	Calculus of Kidney and Ureter	9,458	9,949
V25	Contraceptive Management	9,889	9,578
474	Chronic Disease of Tonsils and Adenoids	10,063	9,542
644	Early or Threatened Labor	8,997	9,166
434	Occlusion of Cerebral Arteries	8,055	9,067
656	Other Fetal and Placental Problems Affecting Managment of Mother	7,820	8,697
466	Acute Bronchitis and Bronchiolitis	8,525	8,575
599	Other Disorders of Urethra and Urinary Tract	7,645	8,337
218	Uterine Leiomyoma	8,279	8,278
682	Other Cellulitus and Abscess	7,947	8,238
296	Affective Psychoses	7,521	8,210
413	Angina Pectoris	8,594	8,200
663	Umbilical Cord Complications	8,082	8,081
295	Schizophrenic Disorders	7,527	8,000

TABLE-4
NEW JERSEY
TOP 40 PRINCIPAL CAUSES FOR HOSPITALLIZATION
1984-1985

ICD CODE	PRINCIPAL CAUSE	TOTAL 1984	TOTAL 1985
V30	Single Liveborn	94,614	99,098
650	Delivery in a Normal Case	27,111	26,266
366	Cataract	21,126	23,612
428	Heart Failure	22,695	21,530
411	Other Acute and Subacute Forms of Ischemic Heart Disease	18,308	20,877
410	Acute Myocardial Infarction	18,182	18,330
V58	Other and Unspecified After Care	15,146	17,891
550	Inguinal Hernia	17,694	17,431
486	Pneumonia, Organism Unspecified	15,722	15,662
493	Asthma	16,438	15,628
780	General Symptoms	14,697	15,288
427	Cardiac Dysrhythmias	14,619	14,502
786	Symptoms Involving Respiratory System & Chest Symptoms	12,331	14,163
574	Cholelithiasis	14,714	13,828
558	Other Noninfectious Gastroenteritis and Colitis	14,028	12,879
626	Disorders of Menstruation & Other Abnormal Bleeding	12,921	12,195
635	Legally Induced Abortion	11,745	11,700
250	Diabetes Melitus	14,062	11,008
600	Hyperplasia of Prostate	10,177	10,573
850	Concussion	10,489	10,525
664	Trauma to Perineum and Vulva During Delivery	9,705	10,387
414	Other Forms of Chronic Ischemic Heart Disease	9,467	10,272
722	Intervertebral Disc Disorders	9,963	10,223
474	Chronic Disease of Tonsils and Adenoids	10,082	10,063
634	Spontaneous Abortion	9,697	10,038
V25	Contraceptive Management	9,663	9,889
654	Abnormality of Organs and Soft Tissues of Pelvis	9,282	9,805
592	Calculus of Kidney and Ureter	9,204	9,458
644	Early or Threatened Labor	8,023	8,997
413	Angina Pectoris	9,520	8,594
466	Acute Bronchitis and Bronchiolitis	8,255	8,525
218	Uterine Leiomyoma	7,904	8,279
663	Umbilical Cord Complications	7,159	8,082
434	Occlusion of Cerebral Arteries	6,460	8,055
682	Other Cellulitus and Abscess	7,555	7,947
656	Other Fetal and Placental Problems Affecting Managment of Mother	6,900	7,820
599	Other Disorders of Urethra and Urinary Tract	7,302	7,645
295	Schizophrenic Disorders	7,090	7,527
296	Affective Psychoses	6,629	7,521
276	Disorders of Fluid, Electrolyte, and Acid-Base Balance	6,453	7,474
303	Alcohol Dependence Syndrome	5,871	7,406

Technical Notes

TAB-N
TECHNICAL NOTES

CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

Technical Notes

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TECHNICAL NOTES

SOURCES OF DATA

Vital Events

Birth, death, fetal death, and marriage certificates are the basic source documents used for data on vital events of New Jersey residents during the 1982 calendar year. Birth and fetal death certificates are usually completed by hospital personnel, physicians, and funeral directors. Copies of certificates are available from the Vital Statistics and Registration Program. Divorce and annulment data are compiled from transmittal documents which are received from records maintained by the Office of the Administration of the Courts. Abortion data are compiled from a Special Department of Health form received monthly from all facilities (hospitals and clinics) licensed to perform abortions.

The cut-off date for the 1982 vital events data in this report was August 1, 1983. Any data pertaining to a 1982 event for which a certificate was filed after August 1, 1983, are not included. It is possible that future data obtained from the NJ/DOH may differ slightly from that which appears on this report. If this should occur, it is because an update was made to the data year after the August 1, 1983 cut off.

Birth and Death events relating to New Jersey residents which occurred in another state are included in this report, as part of the resident counts. The inclusion of these data are made possible by an agreement among all registration areas in the United States for resident exchange of copies of certificates. No marriages, divorce, or abortion reports are included in the inter-state vital statistics exchange program. Accident data are generated from the Death records. Fertility data are derived through the use of birth data and population characteristics (race, age and sex) reported in the 1980 Census of Population and Housing) conducted by the U.S. Bureau of Census. U.S. data was taken from the Monthly Vital Statistics reports released by the National Center for Health Statistics and/or Current Population Reports, U.S. Bureau of Census.

Population

The population data used in this publication are based in part on data collected by census enumerators during the 1980 Census of Population and Housing, and released by the Bureau of Census. Every person and housing unit was renumerated on a questionnaire that requested certain basic demographic information, such as age, race, and relationship. Established as the base year, 1980 provided the levels and characteristics for the annual estimates reported and released by the NJ Department of Labor, Office of Demographic and Economic Analysis.

Abortions

The New Jersey Abortion Surveillance is a health monitoring system conducted by the Center for Health Statistics within the New Jersey Department of Health. Reporting forms are completed by abortion providers and are coded and processed by the NJ/DOH on a monthly basis.

Morbidity

There are two sources of Morbidity data in New Jersey. The one that has been readily available in the past is Reportable Communicable Diseases. These data are collected by various programs thoroughout the Department in surveillance activities. Communicable diseases are required by law to be reported to the Department of Health. The other source of morbidity data pertain to hospitalization and treatment. With the development and implementation of the Diagnostic Related Groups (DRGs), the Department in 1976 implemented a program to collect both primary and secondary diagnosis, as related to the principal cause of hospitalization. These data are submitted to the NJ/DOH quarterly and are analyzed annually.

DATA QUALITY

Vital Events

The quality of data presented in this report is directly related to the completeness and accuracy of the information contained on the certificates, and corrected through a direct query program. The NJ/DOH works to ensure that the information received is as complete and accurate as possible, and maintains two major program operations related to improving the quality of information received on certificates.

The query program is a system used to follow back with local registrar, with hospital personnel, funeral directors, and/or physicians, concerning incomplete or conflicting information. The follow-back contact is usually done by telephone, and is based both on a manual and computer editing procedure.

The field program attempts to improve certificate information by educating the participants in the vital registration system; i.e. hospital personnel, funeral directors, local registrars, physicians, etc. of the uses and importance of vital statistics data. This is accomplished by conducting seminars with direct participation of the type of individuals listed above, and with various associations. In addition to regularly scheduled seminars, the NJ/DOH field representative makes site visits when problems with registration relating to a particular area or institution are discovered.

The National Center for Health Statistics (NCHS) monitors New Jersey's coding of Birth and Death data. NCHS has established a two percent upper limit for coding difference involving any one item, with the exception of cause of death. A five percent limit is established for this item because of the complexity of the coding process.

Population

While it is impossible to completely eliminate error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control such errors during collection and processing operations through record checks and re-checks, post-enumeration follow-back, processing quality control checks, and installation of special coding procedures for nonresponses to questions on the census questionnaire.

Abortions

Abortion data collected do not imply the complete and comprehensive status of legal abortion in New Jersey. The quality of the data is depdendent on the completeness and accuracy of the information supplied by providers of abortion services within the State. The Center for Health Statistics undertakes computer edits on all data submitted and makes applicable changes for obvious errors. Queries are made to the providers to correct the abortion information and to correct detected errors and incomplete documents.

Morbidity

Reportable diseases are monitored for completeness by the Communicable Disease program under the Division of Epidemiology and Disease Control. A tracking system is in place that checks and double checks on the information. All data are actual counts.

Two measurements are used in assessing the accuracy and quality of the Medical Discharge Abstract data. The first relates directly to the data contents of the tapes submited which are evaluated for completeness as to error, consistency, and overall error tolerance levels. All errors detected are reviewed and levels of severity established in terms of rates on the data that are received. The second measure is the completeness and correct coding. This comparison is related to a direct comparison of the records maintained by the facility and abstract data submitted to the Department.

GEOGRAPHIC ALLOCATION

Vital Events

Vital events can be classified geographically in two ways. The first way is by place of occurrence; i.e. the actual state, county and minor civil division (MCD) in which the birth or death took place. The second, and more customary way is by place of residence; i.e. the state, county and MCD given to the usual residence of the mother, in the case of a newborn, or the decedent in the case of death. Fetal deaths and infant deaths in cases where the child was never discharged from the hospital, are classified to the residence of the mother.

While occurrence statistics are accurate and have both administrative value and statistical significance, residence statistics are by far the more useful tool, when constructing health indices for planning and evaluation purposes. Likewise, Vital Statistics residence data are used to determine the "Natural Increase" component of the state's population estimates. The statistics provided in this report are residence data, unless otherwise stated.

It should be noted that the allocation of vital events by place of residence is sometimes difficult. This is because classification depends entirely on the statement of the usual place of residence furnished by the informant at the time the original certificate is completed. For various reasons, this statement may be incorrect or incomplete. For example, mailing addressess often differ from the actual geographic residence.

Where the mailing address of an unincorporated or local name place is given as the place of residence, it is sometimes impossible to allocate the event to a specific or the correct MCD. How often incorrect information on residence is recorded is not known, but it is generally because of the lack of information concerning the exact location of residence or misunderstanding of the question on the part of the informant. Postal Zip Codes are used for cross reference in cases where allocation is required if at all possible. Every attempt is made to code the correct residential location. This problem is applicable generally only to MCD level data. Resident counts for the state as a whole are accurate. County resident figures, likewise, have been verified and are substantially correct and can be used with a high degree of confidence.

Population

The error associated with allocation of event to area of residence is almost nonexistent, since the 1980 Census of Population and Housing involved on-site enumeration of both population and housing units. County boundaries legally defined and in effect as of January 1, 1980 were recognized in the 1980 census. Census data are also available from the NJ/DOL Office of Demographic and Economic Analysis, for geographic areas not represented in this publication, such as census tracts and enumeration districts. Townships that are all incorporated in the state of New Jersey, are also considered as MCDs.

Abortions

County of residence of the abortion recipient is recorded on the reporting form submitted to the NJ/DOH. The geographic data are only as accurate as the information given by the patient at the time of the procedure. No verification is made on questions asked of the patient. A Postal Zip Code notification program has been installed into the computer/edit phase to verify and correct, if possible.

Since the New Jersey abortion surveillance began, New Jersey residents have comprised 78 to 85% of all reported abortions, performed at in-state facilities. The NJ/DOH is unable at this time to obtain detailed data on New Jersey residents receiving abortion in other states or at physician's offices. The resident data compiled by the Center for Health Statistics include only those data on residents receiving abortions at licensed facilities within the State.

Morbidity

A strict control is maintained over the geographic location and coding for both reportable diseases and Discharge Abstract data. Evaluation systems have been developed to insure correct reporting of resident codes. Likewise, a Postal Zip Code verification program has been installed into the computer edit phase of the system to verify and correct if possible.

DEFINITION OF RATES

Absolute counts of health-related events do not readily lend themselves to analysis and comparison between years and various geographic areas because of population differences. These demographic differences include total number, age, and sex distributions, and ethnic or racial differentials. In order to assess the health status of a particular population at a specified time, the absolute number of events is converted to a relative number, such as a probability of living or dying, a rate, a ratio, or an index. This conversion is made by relating the crude number of events to the living population at risk in a particular area at a specified time.

In interpreting the conditions described by vital statistics rates, considerable caution must be observed. In particular, differences in rates from time to time or place to place may arise from a number of population differences and other confounding factors, and appropriate techniques (such as standardization) should be utilized in such comparisons. This factor has been taken into account in developing the rates used herewith.

Please note that some of the tables giving cause of death data were modified in 1979 to accommodate changes resulting from the adoption of a revised cause of death coding scheme, as set forth in The Ninth Revision of the International Classification of Diseases (ICD-9CM). The vast majority of cause of death categories, however, remain comparable with previous years' tables. Changes in definitions of rheumatic heart disease, nephritis and nephrosis, and hypertension, heart, however, between the Eighth Revision of the ICD and the Ninth Revision, has caused noticeable differences in the numbers of deaths attributed to those categories betwen 1978 and 1979 when ICD-9 went into effect.

The 1980 Census of Population and data was obtained from data released in Summary Tape File 1A (STF-1A) for New Jersey by the Office of Demographic and Economic Analysis, Department of Labor. Annual New Jersey population estimates are based on federal control totals developed jointly with the assistance of the NJ Department of Labor. All rates used in this report were developed using a projectional rate distribution after adjustments were made to account for the Natural Increase (of births minus deaths). The NJ/DOH only estimates essential population characteristics associated with New Jersey as age cohort totals by county by sex. The age, sex, and race estimates used as the basis for the rates were developed by the Center for Health Statistics using the "Proportionate Share Technique" controlled to the July 1, 1981 population estimates produced by the Department of Labor. These are crude estimates and were generated only to have a base from which to calculate rates.

DESCRIPTIVE STATISTICS

RATES, RATIOS, PROPORTIONS, AND INDICES

A. RATE: A rate measures the frequency of occurrence of some particular event. A rate is of the form: $\frac{x}{y} \times k$

where

x = number of times an event has occurred during a specific interval of time.

y = number of persons exposed to the risk of the event during the same interval.

k = some round number (100; 1,000; 10,000; 100,000; etc.) or base, depending upon the relative magnitude of x and y.

1. MORBIDITY RATES: Morbidity rates measure the frequency of illness within specific populations. Time and place must always be specified. The most commonly used morbidity rates include point prevalence, period prevalence, incidence, and attack rate as shown in Table E.

   a. PREVALENCE: Prevalence measures the frequency of all current cases of disease (old and new) and is of two types:

      (1) POINT PREVALENCE: Point prevalence measures the frequency of all current cases of a disease (old and new) at a given instant in time.

      (2) PERIOD PREVALENCE: Period prevalence measures the frequency of all current cases of disease (old and new) for a prescribed period of time.

   b. INCIDENCE: Incidence measures the rapidity with which a disease occurs or the frequency of addition of new cases of a disease. These new cases of disease occur either through onset of the disease on current members of the population or by immigration of persons already ill into the population. Incidence is always calculated for a given period of time.

   c. ATTACK RATE: An attack rate is an incidence rate usually expressed as a percent, used for particular populations, and observed for limited periods of time, as in an epidemic.

2. MORTALITY RATES: Mortality rates measure the frequency of deaths within specific populations and are calculated for a given time interval and place. Several general and specific formulae are used to describe mortality as shown in Table E.

3. NATALITY RATES: Natality rates measure the frequency of births (birth rates) and the probability of births (fertility rates) within specific populations and are calculated for a given time interval and place. Some frequently used natality rates and ratios are shown in Table E.

B. RATIO: A ratio is the expression of the relationship between a numerator and denominator which may involve either an interval in time or may be instantaneous in time. The ratio is of the form:

$$x : y \quad \text{or} \quad \frac{x}{y} \times k$$

where

x = number of events or items counted and not necessarily a portion of y.

y = number of events or items counted and not necessarily a population of persons exposed to the risk.

k = a base, as in the case of a rate, but usually 1 or 100 for the purposes of expressing ratios.

C. PROPORTION: A proportion is an expression in which the numerator is always included in the denominator, and the base is equal to 100. Therefore, a proportion is always expressed as a percent.

D. INDEX: An index is the best available approximation to a true rate. This usually occurs when we are unable to count directly the number at risk (denominator) and use something else which we can count to give us an impression of the number at risk.

Thus, for example, in order to calculate a maternal mortality rate, we should, strictly speaking, divide the number of deaths assigned to deliveries and complications of pregnancy, childbirth, and the puerperium by the total number of pregnancies occurring in a specified time interval. Since we are unable to count the total number of pregnancies, we replace this by the number of registered live births in order to obtain an estimate of the number of pregnancies. The resulting maternal mortality rate is therefore not a rate at all in the strict sense, but is nevertheless a useful *index* which gives an impression of the risk of dying associated with pregnancy.

TABLE A

FREQUENTLY USED RATES, RATIOS, PROPORTIONS, AND INDICES USED FOR DESCRIBING NATALITY, MORBIDITY, AND MORTALITY

No.	Description of Measure	Numerator (x)	Denominator (y)	Expressed Per Number At Risk (k)
	NATALITY			
1.	Birth Rate Crude; specific for age of mother, sex of child, socioeconomic status, etc.	Number of live births reported during a given time interval	Estimated mid-interval population	1,000
2.	Fertility Rate			
	(a) Theoretical Purposes	Number of live births reported during a given time interval from mothers aged 15-44 years	Estimated number of women in age group 15-44 years at mid-interval	1,000
	(b) Current Usage Crude; specific for age of mother, race, socioeconomic status, etc.	Number of live births reported during a given time interval	Estimated number of women in age group 15-44 years at mid-interval	1,000
3.	Low Birth Weight Ratio Crude; specific for age of mother, race, socioeconomic area, etc.	Number of live births under 2,500 grams (or 5½ lbs.) during a given time interval	Number of live births reported during the same time interval	100

TABLE A (Continued)

No.	Description of Measure	Numerator (x)	Denominator (y)	Expressed Per Number At Risk (k)
	MORBIDITY			
4.	Incidence Rate Crude by cause; specific for age, race, sex, socio-economic area, stage of disease, etc.	Number of new cases of a specified disease reported during a given time interval	Estimated mid-interval population	Variable: 10^x where $x = 2, 3, 4, 5, 6$
5.	Attack Rate Crude by cause; specific for age, race, sex, socio-economic area, etc.	Number of new cases of a specified disease reported during a specific time interval	Total population at risk during the same time interval	Variable: 10^x where $x = 2, 3, 4, 5, 6$
6.	Point Prevalence Rate (Ratio) Crude by cause; specific for age, race, sex, socio-economic area, stage of disease, etc.	Number of current cases, new and old, of a specified disease existing at a given point in time	Estimated population at the same point in time	Variable: 10^x where $x = 2, 3, 4, 5, 6$
7.	Period (Case-Load) Prevalence Rate (Ratio) Crude by cause; specific for age, race, sex, socio-economic area, stage of disease, etc.	Number of current cases, new and old, of a specified disease occurring during a given time interval	Estimated mid-interval population	Variable: 10^x where $x = 2, 3, 4, 5, 6$

TABLE A (Continued)

No.	Description of Measure	Numerator (x)	Denominator (y)	Expressed Per Number At Risk (k)
	MORTALITY			
8.	Crude Death Rate Crude; specific for age, race, sex, socioeconomic area, etc.	Total number of deaths reported during a given time interval	Estimated mid-interval population	1,000
9.	Cause-Specific Death Rate or Cause of Death Rate Crude by cause; specific for age, race, sex, socio-economic area, etc.	Number of deaths assigned to a specific cause during a given time interval	Estimated mid-interval population	100,000
10.	Cause-Specific Death Ratio or Cause of Death Ratio or Proportional Mortality Ratio Crude by cause; specific for age, race, sex, socio-economic area, etc.	Number of deaths assigned to a specified cause during a given time interval	Total number of deaths from all causes reported during the same interval	100 or 1,000
11.	Case Fatality Rate (Ratio) Death-to-Case Ratio Crude; specific for age, race, sex, socio-economic area, etc.	Number of deaths assigned to a specified disease during a given time interval	Number of new cases of that disease reported during the same time interval	100

TABLE A (continued)

No.	Description of Measure	Numerator (x)	Denominator (y)	Expressed Per Number At Risk (k)
12.	(a) Fetal Death Rate I Crude; specific for age of mother, race, socioeconomic area, etc.	Number of fetal deaths of 28 weeks or more gestation reported during a given time interval	Number of fetal deaths of 28 weeks or more gestation reported during the same time interval plus the number of live births occurring during the same time interval	1,000
	(b) Fetal Death Rate II Crude; specific for age of mother, race, socioeconomic area, etc.	Number of fetal deaths of 20 weeks or more gestation reported during a given time interval	Number of fetal deaths of 20 weeks or more gestation reported during the same time interval plus the number of live births occurring during the same time interval	1,000
13.	(a) Fetal Death Ratio I Crude; specific for age of mother, race, socioeconomic area, etc.	Number of fetal deaths of 28 weeks or more gestation reported during a given time interval	Number of live births reported during the same time interval	1,000
	(b) Fetal Death Ratio II Crude; specific for age of mother, race, socioeconomic area, etc.	Number of fetal deaths of 20 weeks or more gestation reported during a given time interval	Number of live births reported during the same time interval	1,000

TABLE A (Continued)

No.	Description of Measure	Numerator (x)	Denominator (y)	Expressed Per Number At Risk (k)
14.	(a) Perinatal Mortality Rate I Crude; specific for age of mother, race, socioeconomic area, etc.	Number of fetal deaths of 28 weeks or more gestation reported during a given time interval plus the reported number of infant deaths under seven days of life during the same time interval	Number of fetal deaths of 28 weeks or more gestation reported during the same time interval plus the number of live births occurring during the same time interval	1,000
	(b) Perinatal Mortality Rate II Crude; specific for age of mother, sex, socioeconomic area, etc.	Number of fetal deaths of 20 weeks or more gestation reported during a given time interval plus the reported number of infant deaths under 28 days of life during the same time interval	Number of fetal deaths of 20 weeks or more gestation reported during the same time interval plus the number of live births reported during the same time interval	1,000
15.	Infant Mortality Rate Crude; specific for race, sex, socioeconomic area, birth weight, cause of death, etc.	Number of deaths under 1 year of age reported during a given time interval	Number of live births reported during the same time interval	1,000

TABLE A (Continued)

No.	Description of Measure	Numerator (x)	Denominator (y)	Expressed Per Number At Risk (k)
16.	Neonatal Mortality Rate Crude; specific for race, sex, socioeconomic area, birth weight, cause of death, etc.	Number of deaths under 28 days of age reported during a given time interval	Number of live births reported during the same time interval	1,000
17.	Postneonatal Mortality Rate			
	(a) Theoretical Purposes	Number of deaths from 28 days of age up to, but not including, 1 year of age, reported during a given time interval	Number of live births reported during the same time interval less the number of deaths under 28 days of age	1,000
	(b) Current Usage Crude; specific for race, sex, socioeconomic area, cause of death, etc.	Number of deaths from 28 days of age up to, but not including, 1 year of age, reported during a given time interval	Number of live births reported during the same time interval	1,000
18.	Maternal Mortality Rate Crude; specific for age of mother, race, socioeconomic area, etc.	Number of deaths assigned to causes related to pregnancy during a given time interval	Number of live births reported during the same time interval	10,000

NOTE: This section was taken from: Vital and Health Statistics Techniques of Community Health Analysis, Published by Center for Disease Control, U.S. Department of Health and Human Services

STATISTICAL FORMULAS USED IN COMPUTING BIRTH, DEATH AND MORBIDITY RATES

Crude Birth Rate - Expressed per 1,000 population.

$$\frac{\text{No. of Live Births}}{\text{Midyear population estimates}} \times 1{,}000$$

Fertility Rate - The number of live births to women aged 15-44 per 1,000 women in the same age group.

$$\frac{\text{No. of Live Births to Women Aged 15-44}}{\text{No. of Women aged 15-44}} \times 1{,}000$$

Crude Death Rate - Expressed per 1,000 population.

$$\frac{\text{No. of Deaths}}{\text{Midyear population estimates}} \times 1{,}000$$

Infant Mortality Rate - Expressed per 1,000 live births.

$$\frac{\text{No. of Deaths Under 1 Year}}{\text{No. of Live Births}} \times 1{,}000$$

Neonatal Mortality Rate - Expressed per 1,000 live births.

$$\frac{\text{Infant Deaths under 28 days}}{\text{No. of Live Births}} \times 1{,}000$$

Fetal Death Rate - Expressed per 1,000 live births.

$$\frac{\text{No. of Fetal Deaths}}{\text{No. of Live Births}} \times 1{,}000$$

Perinatal Mortality Rate - Expressed per 1,000 total deliveries (live births plus fetal deaths).

$$\frac{\text{No. of Deaths under 28 days + Fetal Deaths}}{\text{No. of Live Births + Fetal Deaths}} \times 1{,}000$$

Maternal Mortality Rate - Expressed per 10,000 live births.

$$\frac{\text{No. of Maternal Deaths}}{\text{No. of Live Births}} \times 10{,}000$$

Specific Cause-of-Death-Rate - Expressed per 100,000 population.

$$\frac{\text{No. of Deaths from a Specific Disease}}{\text{Midyear Population Estimate}} \times 100{,}000$$

Age-Specific Rates - Expressed per 100,000 population in a specified age group.

$$\frac{\text{No. of Deaths in a Specific Age Group}}{\text{Estimated Population in the Same Age Group}} \times 100{,}000$$

Morbidity Rate - Expressed per 100,000 (10,000 or 1,000) population

$$\frac{\text{No. of Reported Cases of a Given Disease}}{\text{Midyear Population Estimate}} \times 100{,}000$$

DEFINITIONS

ABORTION	premature expulsion or removal from the uterus of the products of conception (the embryo or nonviable fetus).
ACCIDENT	that occurrence in a sequence of events which usually produces unintended injury, death or property damage.
ACCIDENT TYPE	describes the occurrence leading to injury or property damage.
AGE-SPECIFIC MORTALITY RATE	the number of deaths of a given age group per 100,000 estimated persons in that age group usually expressed as an annual rate.
AGENCY OR AGENT	the principal object such as tool, machine or equipment in the accident and is usually the object inflicting injury or property damage.
APGAR SCORE	composite measure used to evaluate the newborn infant's general condition. Apgar scores are given one and five minutes after birth. Heart rate, respiratory, effort, color, muscle tone and reflexes are checked and evaluated. Each factor receives a score of 0, 1, or 2 and the sum of the five values is the overall score. A score of ten is optimum.
ASSOCIATED CAUSE OF DEATH	condition other than the underlying cause of death which may have contributed to the death.
BIRTH RATE	the number of live births per 1,000 population.
BIRTHWEIGHT	weight of fetus or infant at time of delivery (normally recorded in pounds and ounces or in grams).
CAUSE GROUP	a summary of deaths resulting from or cases of, related diseases as defined by the International Classification of Diseases Adapted For Use in the United States, published by the U.S. Department of Health, and Human Services; usually specified by a series of 3-digit codes; i.e. 140-208 malignant neoplasms.
DAY	(motor-vehicle accidents) is the time interval between sunrise and sunset.

DEATH RATE	the number of deaths per 100,000 poplulation.
DEATH FROM ACCIDENT	a death which occurs within one year of the accident.
DELIVERIES	live births plus reported fetal deaths.
DISABLING INJURY	an injury causing death, permanent disability, or any degree of temporary total disability beyond the day of the accident.
ESTIMATED POPULATION	the estimated number of persons in a given group based on the latest census data and adjusted for annual births, annual deaths and net migration.
FATAL ACCIDENT	an accident which results in one or more deaths within one year.
FERTILITY RATE	the number of live births to women aged 15-44 per 1,000 women in this age group, usually expressed as an annual rate.
FETAL DEATH	death prior to the complete expulsion or extraction from its mother of a product of conception; the fetus shows no signs of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.
FETAL DEATH RATES	the number of fetal deaths occurring in the twentieth week of gestation or later (required by law to be registered as fetal deaths) per 1,000 live births, usually expressed as an annual rate.
FIRST TRIMESTER	first twelve weeks of pregnancy, as determined by the history given by the patient considered in conjunction with the physician's estimation of length of pregnancy by clinical examination of the size of the uterus (NJAC 8:40-4.1).
HOME	a dwelling and its premises within the property lines, including in addition to the usual single-family dwellings and apartment houses, duplex dwellings, boarding and rooming houses and seasonal cottages. Excluded from Home are barracks, dormitories, and resident institutions.

HOMICIDE	the act of one person who kills another, includes deaths from injuries purposely inflicted by other persons, deaths from injuries resulting from intervention by law enforcement officers and deaths caused by legal execution.
HOSPITAL	health care facility licensed as a hospital in accordance with the statutes of New Jersey.
HYSTERECTOMY	excision of the uterus.
HYSTEROTOMY	incision of the uterus to remove the fetus before viability.
ILLEGITIMATE BIRTHS	a birth to an unwed woman, or to a woman whose husband did not father the infant.
ICD 9 CODE	a listing of disease classifications known as the "Ninth Revision International Classification of Diseases Adapted for Use in the United States," published by the United States Department of Health and Human Services, used in the statistical coding and tabulation of specific disease morbidity and mortality.
IMMATURE BIRTH	a live birth weighing 2,500 grams, (5 Lbs. 8 oz., or less).
INCIDENCE RATE	as defined by OSHA, is the number of injuries and/or illnesses or lost workdays per 100 full-time employees.
INFANT DEATH	death occurring to live born individual of less than 1 year of age.
INFANT MORTALITY RATE	the number of infant deaths per 1,000 live births, usually expressed as an annual rate.
LEGITIMATE BIRTH	a birth to a married women whose husband fathered the infant.
LIVE BIRTH	a live birth is the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration and pregnancy, which after such separation, breaths or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.

MATERNAL DEATHS	those wherein the physician has designated a maternal condition as the underlying cause of death.
MATERNAL MORTALITY RATE	the number of maternal deaths per 10,000 live births, usually expressed as an annual rate.
MINOR CIVIL DIVISION	New Jersey Minor Civil Divisions are legally incorporated political subdivisions and are the local level of civil government. Cities, municipalities, townships, villages and town exhaust the area of the state all are exclusive (none overlaps another though may surround another).
MORTALITY	the number of deaths.
MOTOR VEHICLE	any mechanically or electrically powered device (except one moved by human power), not operating on rails, upon which or by which any person or property may be transported upon a land highway. The load on a motor vehicle or trailer attached to it, is considered part of the vehicle. Tractors and motorized machinery are included while self-propelled in transit or used for transportation. Also included are motor scooters, motorized bicycles and snowmobiles.
MOTOR VEHICLE ACCIDENT	any accident involving a motor vehicle in transport (in motion, in readiness for motion, or on roadway, but not parked in a designated parking area) that results in death, injury or property damage.
MOTOR VEHICLE TRAFFIC ACCIDENT	a motor vehicle accident which occurs on a trafficway -- a way or place, any part of which is open to the use of the public for purposes of vehicular traffic.
MOTOR VEHICLE NONTRAFFIC ACCIDENT	Any motor vehicle accident which occurrs entirely in any place other than a trafficway.
NEONATAL	of, relating to, or affecting the newborn and especially the human infant during the first month of life.
NEONATAL DEATH	live born infant who dies before completing four weeks (28 days) of life.

NEONATAL MORTALITY RATE	as used in this text, the number of deaths of infants under 28 days of age per 1,000 live births, per year.
NIGHT	(motor vehicle accident) is the time interval between sunset and sunrise.
NONFATAL INJURY ACCIDENT	an accident in which at least one person is injured and no injury terminates fatally.
NONMOTOR VEHICLE	any vehicle other than a motor vehicle, except a scooter, wheelchair, roller skates, ice skates, skis, baby carriage, and similar means of transportation; persons using these latter means of transportation are considered pedestrians.
OCCURRENCE DATA	data allocated by place where event occurred, regardless of the person's place of residence (marriages, divorces).
OUTPATIENT ABORTION FACILITY	licensed health care facility other than a hospital in which abortion procedures are performed.
OUT-OF-WEDLOCK BIRTH	birth wherein there is no marital tie between mother and father.
PEDACYCLE	a vehicle propelled by human power and operated solely by pedals, excludes mopeds.
PEDESTRIAN	any person who is not in or upon a motor vehicle or non motor vehicle (see definition of motor vehicle) included as pedestrians are persons using a coaster wagon, child's tricycle, roller skates, etc. Excluded are persons boarding, alighting, jumping or falling from a motor vehicle in transport.
PERINATAL	of, relating to, or affecting the fetus and the newborn, especially the human infant during the first month of life.
PERINATAL MORTALITY RATE	number of deaths of infant less than 28 days of age (Neonatal Deaths), and registered fetal deaths per 1,000 live births plus registered fetal deaths.
PERMANENT DISABILITY	(synonymous with permanent impairment) includes any degree of permanent impairment of the body, such as amputations, permanent impairment of vision and other

	permanently crippling nonfatal injury ranging from the permanent suffering of a joint or a finger amputation, to permanent, complete crippling.
PREMATURE BIRTHS	products of conception weighting less than five pounds, nine ounces (2,500 grams or less) at delivery or expulsion.
PROPERTY DAMAGE ACCIDENT	an accident which results in property damage, but in which no person is injured.
PROSTAGLANDIN	a class of drugs used to induce a second-trimester abortion; usually injected into the uterine cavity by a needle inserted through the abdominal wall or introduced as a vaginal suppository.
PUBLIC ACCIDENT	any accident other than motor-vehicle that occurs in the public use of any premises, includes deaths in recreation (swimming, hunting, etc.) transportation except motor-vehicle, public buildings, etc. and deaths from widespread natural disasters even though some may have happened on home premises. Excludes accidents to persons in the course of gainful employment.
RACE	(as relates to birth certificate) race for mother, father or as stated on the certificate. Race of child is determined from the race of the parents.
RACE-SPECIFIC MORTALITY RATE	number of deaths in a given race group per 100,000 estimated population in that ethnic group.
RATE	a rate measures the frequency of occurrences of some particular event. A rate is of the form: $\frac{x}{y} \times k$

Where x = number of times an event has occurred during a specific interval of time.

y = number of persons exposed to the risk of the event during the same interval.

k = some round number (100; 1,000; 10,000; 100,000; etc.) or base, depending upon the relative magnitude of x and y.

RESIDENCE	usual place of residence of person to whom event occurred. For births and fetal deaths, residence is defined as the mother's place of residence.
RURAL	(for motor vehicle reporting) includes places of less than 5,000 inhabitants, except those classified as urban by the U.S. Census Bureau.
SALINE INSTILLATION	second-trimester method of induced abortion usually performed at or after 16 weeks of pregnancy by instilling a concentrated salt solution into the amniotic sac by a needle inserted through the abdominal wall.
SECOND AND THIRD TRIMESTERS	pregnancy of 13 or more weeks as determined by the history given by the patient, the physician's findings or clinical examination of the size of the uterus before the abortion, and/or the size of the fetus as examined after the abortion (NJAC 8:40-4.1).
SEX-SPECIFIC MORTALITY RATE	number of deaths of males/females per 100,000 estimated males/females in the population.
SHARP CURETTAGE	dilation of cervix and removal of the product of conception by a semi-sharp spoon-shaped instrument.
SUCTION CURETTAGE	dilation of cervix and removal of the products of conception by a vacuum method.
SUICIDE	the act or an instance of taking one's own life voluntarily and intentionally.
TEMPORARY TOTAL DISABILITY	an injury which does not result in death or permanent disability, but which renders the injured person unable to perform regular duties on one or more full calendar days after the day of the injury.
TRIMESTERS	1st - first 12 weeks of pregnancy 2nd - second 12 weeks of pregnancy 3rd - period after first 24 weeks of pregnancy
UNDERLYING CAUSE OF DEATH	that condition giving rise to the chain of morbid events leading to death, or the circumstances of the accident or violence that produced the fatal injury.

URBAN	(for motor vehicle reporting) includes places of 5,000 or more inhabitants, and the towns, townships and other areas classified as urban by the U.S. Census Bureau.
WORK HOURS	are the total number of hours worked by all employees. They are usually compiled for various levels, such as an establishment, a company or an industry. A work hour is the equivalent of one employee working one hour.
WORK INJURIES	(including occupational diseases) are those which arise out of and in the course of gainful employment regardless of where the accident occurrs. Excluded are work injuries to domestic servants and injuries occurring in connection with farm chores which are classified as home injuries.
WORKERS	are all persons gainfully employed, including owners, managers, other paid employees, the self-employed, and unpaid family workers, but excluding domestic servants.

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CENTER FOR HEALTH STATISTICS
DIVISION OF RESEARCH, POLICY AND PLANNING
NEW JERSEY DEPARTMENT OF HEALTH

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